



PEAK PROTECTION

On celebrating 120 years of peak protection we've possessed an unrelenting ambition to produce the world's most trusted and requested protective wear. Through the decades, we have continuously proven our dedication to quality, producing world-beating safety garments, foot protection, hand protection and PPE, while pushing the boundaries in protection technologies. Technologies that make the workplace a safer place.

120 YEARS

EXPERIENCE IN INNOVATION, CUSTOMER FOCUS, SERVICE AND VALUE.

11

GLOBAL WAREHOUSES IN UK, IRELAND, ITALY, POLAND, SPAIN, UAE, CHINA, USA, CANADA, AUSTRALIA AND NEW ZEALAND.

FULLY OWNED FACTORIES IN BANGLADESH, MYANMAR, ITALY, ALBANIA AND MEXICO. TANZANIA COMING SOON!

22,000+

INDIVIDUAL PRODUCT SKUS.

5,300

STAFF GLOBALLY.

1904-2024



PROTECTING OUR FUTURE





SCAN THIS QR CODE

ANNUAL REPORTING



Ecovadis is a third party certified sustainability audit which examines policies, procedures and actions taken across our pillars.

WE SUPPORT



Portwest participates in activities that support the seven UN Sustainable Development goals:

















5 FULLY OWNED FACTORIES

Giving us full control over production and ensuring a healthy, respectful and safe workplaces for our **+4,500** production colleagues.





Members of responsible business platform Sedex ensure increased visibility and efficient management of our global supply chain. Annual social and ethical audits ensuring the highest standards of working condition in our factories.





Achieved level 3 certification, affirm environmentally conscious production and responsible working conditions.



Gold accreditation verify our safe, lawful and ethical manufacturing practices.

PLATINUM LEED CERTIFIED MANUFACTURING FACILITY

Highest rating awarded for the environmental performance of our largest production facility.





ECO CONSCIOUS PRODUCTS



50,000 metres of GRS polyester used annually.



As partners of Cotton made in Africa, we commit to purchasing sufficient mass balance fabric for producing the equivalent of 1 million garments.

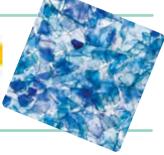


85% of garments meet Oeko Tex Standard 100.

PACKAGING GOALS

Committed to eliminating single use plastic, 98% of polybags are recycled and recyclable and 74% of all packaging is recyclable.





BEST PRACTICE OPERATIONS

ISO 9001∅ ISO 14001∅ ISO 45001∅

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Polo Shirts and T-Shirts Short Sleeved

Sealtex™

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Food Safe

Impact Protection

590

INDUSTRY INSPIRED DESIGN

Before we move forward, we take inspiration from and learn from the past. For 120 years our product designers have developed a deep understanding of the safety needs of workers across many industries.

This understanding helps us to develop industry focused safety wear solutions to the specific risks faced by professionals across a multitude of industries. Enabling workers to perform to the height of their ability.

Building and construction

Chemical and hazardous materials

Craft and light industry

Electronics and telecommunications

Food production, hospitality and catering

Marine and aviation

Medical, pharmaceutical and hygiene

Oil, gas, energy, mining, welding and heavy industry

Farming and agriculture

Wind energy and renewables

Transport, logistics and warehousing





PROTECTION AGAINST HAZARDS



LOW VISIBILITY

Workers who operate in low light and poor visibility conditions, especially those working in medium to high-risk environments are required to wear clothing that increases their visibility. At Portwest, we design and manufacture the most comprehensive range of certified enhanced and high visibility clothing on the market.

369



RAIN

Exposure to rain without adequate protective clothing can have a serious affect on worker's health. Potential workplace hazards can also be exacerbated in the rain, making surfaces slippery and dangerous. We develop high performance clothing, PPE, hand and foot protection that protects in wet weather conditions.

204 STYLES



EXTREME COLD WEATHER

Extremely cold or wet weather conditions present a serious work place hazard. Frostbite and hypothermia are real concerns for many industrial workers. Portwest provides workwear and PPE solutions for all climatic conditions.

112 STYLES



HEAT AND FLAME

Workers in the toughest industries regularly encounter heat and flame. Whether it is radiant, convective or conductive heat, serious injuries and even fatalities are caused by heat and flame hazards. Workers deserve the powerful protection offered by Portwest's innovative flame resistant range of products.





ELECTRIC ARC

An electric arc is a rapid and instantaneous electric discharge of high current between conductors generating very bright light and intensive heat. If a worker is in close proximity to an Arc flash, serious injury and even death can occur.

107 STYLES



CHEMICAL

Industrial workers face dangers posed by chemicals every day. Chemicals present danger in many forms. As liquids, sprays, dry particles or in pressurised form chemicals pose a serious threat. Portwest offers powerful chemical protection solutions across the range.





EXTREME HOT WEATHER

The harmful effects of the sun seriously compromise workers' health. Heat related fatigue and illness cost employers serious time and money. The Portwest design team have developed innovative cooling products that keep workers cool and protected from extreme heat and sun exposure.

12 STYLES



SLIPPERY SURFACES

From heavy manufacturing to the pharmaceutical sector slips, trips and falls are the most common cause of workplace injury. The provision of slip resistant footwear and safety mats is key to protecting workers from this hazard.





ELECTROSTATIC - ESD

Electrostatic discharge, or ESD as it is more commonly known, is the rapid, spontaneous transfer of electrostatic charge induced by a high electrostatic field. Failure to protect against the dangers of ESD cost industries millions every year.

34 STYLES



IMPACT

Head, hand or foot, impact is a serious workplace hazard. Portwest's team of experts utilise the latest research in materials technology to offer protective equipment that absorbs the maximum amount of force from impacts.

161 STYLES



CUT

Cut injury is one of the most frequent types of accidents reported in working environments. Portwest has a range of garments and hand protection to safeguard against the risk of cuts and lacerations.

55 STYLES



NUCLEAR PARTICLE

Radioactive contamination is a real risk for workers in many industries. Garments that help prevent contamination to skin and hair are a must for workers potentially exposed to this type of hazard.

14 STYLES



EYE INJURY

Every day workers across the globe lose valuable working hours or suffer potentially life changing injuries due to eye accidents. Portwest eye protection range offers 50+ innovative products that provide powerful optical protection against workplace hazards.

57 STYLES



NOISE LEVELS

Frequent exposure to loud noise is one of the most common work place hazards. Exposure to loud noise can kill the nerve endings in the inner ear and over time the result can be permanent hearing loss that cannot be corrected.

28 STYLES



RESPIRATORY DANGERS

Respiratory protective equipment is used to protect the individual wearer against inhalation of hazardous substances in workplace air. At worst these hazards may cause cancer, lung impairment, diseases, or death.

34 STYLES

WE'VE GOT YOU COVERED FROM TOP TO TOE



HIGH VISIBILITY 270

STYLES



FLAME RESISTANT 151

STYLES

WORKWEAR

434

ALL WEATHER PROTECTION HEALTH AND HYGIENE WORKWEAR

STYLES











Discover a one stop shop for safety: HEIGHT SAFETY - FIRST AID - SPILL CONTROL - KNIVES - LIGHTS





TESTING GLOBAL CERTIFICATION

As a global manufacturer of protective wear, Portwest products are rigorously and independently tested to international standards and certified by accredited test houses and notified bodies across the world.

Internationally recognised, the CE Marking on a product indicates compliance with the essential requirements for health and safety as outlined in the PPE Regulation (EU)2016/425. Portwest products carry this marking where applicable. End users of proactive products should refer to PPE Regulation (EU) 2016/425 for the assessment of health and safety at work.

The UKCA (UK Conformity Assessed) marking is the UK product marking that is used for goods being placed on the market in Great Britain.

Portwest products are also tested to ISO, ANSI, NFPA and ASTM in the United States, AS/NZS in Australia and New Zealand, and other region specific compliance standards.













CEMARKINGS

TESTING GLOBAL CERTIFICATION

The manufacturer of CE-marked goods verifies that the product complies with all applicable EU requirements, such as safety, health and environmental protection, and if stipulated in any EU product legislation, has had them examined by a Notified Body or produced according to a certified production quality system.

1151 CE STYLES



270 HIGH VISIBILITY



61 ALL WEATHER



151
FLAME RESISTANT



205
HAND PROTECTION



130 FOOT PROTECTION



207



86 WORKWEAR

+

ACCESSORIES



DESIGNERS AT WORK

INNOVATIVE DESIGN,
MAXIMUM FUNCTIONALITY

Our development process starts by taking the time to understand the evolving needs of professionals working across multiple industries. Our designers are focused on creating innovative solutions that will offer maximum functionality in the workplace. We consider each material used one element at a time. Always working with the very latest of fabrics and component technologies we piece together styles that balance comfort, durability with the highest level of protection achievable. Because we own and manage our own factories, we have full control over the manufacturing process which gives us complete confidence that our products are manufactured to the highest quality, guaranteeing exceptional products that perform to the highest standards.

We call this Peak Protection

A listing of our registered community designs can be found at: www.portwest.com/registereddesigns.

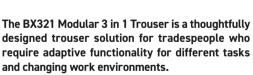


reddot award 2022 winner

AWARD WINNING DESIGNS

Innovation is in our DNA and in 2022 our passion for designing ground breaking products was awarded the International Red Dot Award for design and innovation. This prestigious award is an exciting development for Portwest and represents international recognition of our talented design team and the ground-breaking products they develop.





The 3-in-1 design converts from a work trouser to a work short or a EN20471 Class 1 work trouser.

See Page 461 or Scan QR code to view BX321 online.







Long legs, short legs? Male, female? Big, small?

The struggle to find the perfect workwear that fits every body ends here. A relentless determination to produce well fitting, comfortable workwear has seen us produce world beating safety products that meet the everyday needs of every wearer.



STRETCH YOUR EXPECTATIONS

Move freely, stretch your limits with our flexible stretch fabrics.



EXTENSIVE SIZES, ADJUSTABLE FITS

Unleashing the most comprehensive size range in our industry: XXS-8XL. The addition of adjustable leg lengths on many styles ensures every body is covered.



MADE FOR WOMEN

Empowering working women with comfortable, durable womenswear built for industry demands. Specifically designed by women for women.



As humans, we need protection from the dangers of natural forces that workers face in their daily working life.

Portwest develop and manufacture protective products that provide strength and resilience against all the elements.









CUSTOM

DESIGNED / SAMPLED / CERTIFIED

PRODUCED AND DELIVERED



YOUR DESIGN, OUR EXPERTISE

There are times when your requirements are so unique that only design professionals with 120 year's worth of design and manufacturing experience can help.

Portwest Custom is an end-to-end design service for bespoke safety products. Working hand in hand with customers we design, sample, certify, manufacture and deliver thousands of custom products for a variety of industries throughout the world.

Over a century's worth of design experience

Most bespoke orders are repeat business each year

Market leading sampling and production capacity

Stock holding in global warehouses

Flexible payment terms with low deposit



SCAN QR CODE TO VIEW CUSTOM ONLINE.

RESPONSIBLE MANUFACTURING AND SUPPLY

Portwest operate and manage five fully owned manufacturing facilities giving us full control of product production and supply chain management.





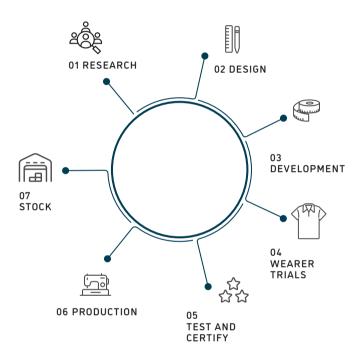


FULLY OWNED MANUFACTURING FACILITIES

QUALITY MANUFACTURING

Working in state of the art conditions and using high-technology production systems enables us to guarantee consistent quality and market leading lead times. Fabrics are exclusively developed and all components are carefully selected and rigorously tested guaranteeing outstanding quality.

PORTWEST DESIGN, MAKE, STORE AND SHIP







WE KNOW LOGISTICS

Over our 120 years in business we have built up our knowledge, processes and global logistics networking enabling us to become true experts when it comes to getting our products where they need to be, on time.

11 WAREHOUSES

UK | IRELAND | ITALY | POLAND | SPAIN | UAE | US | CANADA | CHINA | AUSTRALIA | NEW ZEALAND

GLOBAL REACH

Our warehousing facilities are located in strategic global locations and operated to the highest standards ensuring that all of our products are well taken care of and destined to reach our customers in excellent condition.

KEY FACTS

3,500 Full containers shipped from Portwest factories every year

3,600 Full time employees working in Portwest factories

35,000 Garments are produced in Portwest factories each day

21,600,000 Metres of fabric used in Portwest factories each year





ALL OUR PRODUCTS ARE DESIGNED TO LAST LONGER AND GO THROUGH RIGOROUS TENSILE STRENGTH, COLOUR FASTNESS, WASH AND ABRASION RESISTANCE TESTING.

RECYCLABLE CAPSULE COLLECTION

Working with garment recyclers to understand the textile recycling process, our designers have developed three ecoconscious products where every step of the manufacturing process has been carefully considered to ensure that waste reducing and eco-conscious practices are implemented to ensure the viability of end of life recycling.



PRODUCTION PROCESS

New designs created to reduce waste during production including no side seams, meaning less off-cuts and reduced energy consumption



FABRIC SOURCE

100% Organic Cotton – fewer chemicals and reduced water consumption used during the cotton growth phase reducing impacts on the soil and local community







ECO-CONSCIOUS PACKAGING

All packaging is recyclable or biodegradable comprising GRS certified recycled LDPE polybags, FSC certified swing tags and cotton string



4. END OF LIFE PROCESS

No buttons and minimal trims and components have been included in the design of the garments to maximise the viability of the recycling process





WE USED 4
MILLION METRES
OF RECYCLED
POLYESTER IN
2022



OUR TEXPEL SPLASH ECO IS A CO FINISH, MEANING NO HARMFUL CHEMICALS ARE USED



As partners of Cotton made in Africa, we commit to purchasing sufficient mass balance fabric for producing the equivalent of 1

MILLION GARMENTS

For more information on Cotton Mad in Africa please see:
www.cottonmadeinafrica.org

MOST OF OUR
CE CERTIFIED
GARMENTS ARE
TESTED TO 50
WASHES FOR A
LONGER LIFE



PORTWEST IS CONTINUALLY INTRODUCING NEW DESIGNS AND DEVELOPMENT PROCESSES TO DELIVER MORE **ECO-CONSCIOUS PRODUCTS**

PORTWEST PLANET PRODUCTS





When creating protective wear for women, our designers are focused on reducing risk and increasing comfort, allowing workers to do their job unhindered.

Garments are designed in line with average women's measurements such as height and arm length, thus reducing the risk of tripping or snagging. Additional tailoring around the waist and hips ensures maximum comfort over long periods of time.



HIGH VISIBILITY































FR409 251,

SCAN QR CODE TO VIEW THE FULL WOMEN'S COLLECTION ONLINE





MEET THE COLLECTIONS





VERSATILE WORKWEAR



ESSENTIAL STRETCH WORKWEAR



PERFORMANCE WORKWEAR



ACTIVE STREET WORKWEAR







DURABLE TECHNICAL WORKWEAR





DYNAMIC 4X STRETCH





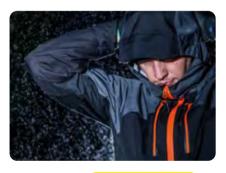
ELEVATED ENDURANCE WORKWEAR











ELEVATED ENDURANCE DESIGNED TO ENDURE

All products are made with the most robust technical fabrics available, combined with minimalist design that delivers a high degree of weather resistance and durability for its weight.

Titanmill UltraTM stretch nylon fabric offers unparalleled durability, reinforced with CorePro TM Armour panels for the ultimate in abrasion resistance. RipShellTM ripstop softshell and Portwest ExtremeTM rainwear fabrics offer incredible protection from the harshest weather conditions.



ENHANCED MOVEMENT ERGONOMICALLY DESIGNED

EV4 products are strategically crafted to allow for unrestricted movement, ensuring that you can perform your tasks with ease. Technically engineered with articulated sleeve panels and active armhole design for unrestricted movement. Advanced reinforced panels on key abrasion areas add extra durability.

Experience freedom of motion and improved productivity without compromising on style. 4-way stretch fabrics, Acti-Reach™ panels and pre-bent elbows minimise friction and increase arm and torso mobility, providing limitless freedom of movement and comfort.



CUTTING EDGE DESIGN AND ENHANCED FUNCTIONALITY

Every element has been carefully considered and inspired by our observation of craftsmen and professionals at work. Striking laser cutting and underarm zips offer added ventilation. Two way zips have been added to precisely placed pockets for harness compatibility.

All trousers use all over 4-way stretch fabrics, have a side entry knee pad pocket, concealed boot clips and an innovative FlexiHem $^{\text{TM}}$ system.

LILTRA LIGHTWEIGHT FABRICS AND INNOVATIVE TECHNOLOGIES BRING A WHOLE NEW LEVEL OF PERFORMANCE. **BREATHABILITY AND DURABILITY**



Titanmill™ Ultra Stretch is our hardworking yet flexible fabric. Technically woven 4-way stretch fabric with high performing and durable nylon fibres. Enriched with highly flexible elastane optimising comfort and freedom of movement for the wearer.



CorePro™ Armour is our highly abrasive 4-way stretch fabric made with ultra strong nylon fibre for excellent tear resistance and durability. The 3-dimensional fabric surface make it the perfect material for heavy duty reinforcement on high wear areas such as knees and elbows.



Portwest Extreme™ Waterproof and Breathable is our premium high performance rainwear fabric that offers superior comfort, function, and endurance in all weather conditions. Waterproof to over 15,000mm and breathable and windproof to the highest standards.



Acti-Reach™ is our innovative panel construction that minimises friction and increases arm and torso mobility when reaching, turning and twisting. The targeted ergonomic construction has minimal seams around the armhole, reducing tension points ensuring the garment moves with the body during active work.



FlexiHem™ is our innovative hem adjuster designed for and tested by workers who climb. This neat adjuster secures the trouser at the ankle, holding it firmly in place to reduce entrapment and give clearer sight of ladder rungs.



FloTech™ is a temperature regulation system which allows the wearer to adapt to changing weather conditions and different levels of activity. The technical stretch mesh fabric panels store warmth from the body and allow cold air to circulate, maintaining body temperature and keeping you dry and comfortable.

RipShell™ is a technical 3-layer ripstop softshell fabric, designed to provide tough, warm, breathable protection against wind and rain. The Ripstop face fabric keeps wind and rain out and provides tear and bursting strength that will endure the most rigorous movement. A soft inner fleece lining ensures the wearer stays warm. The breathable membrane provides maximum moisture management for comfort during active tasks.







LAYERING PRODUCTS
GIVES YOU FULL
CONTROL OF YOUR
COMFORT AND
PROTECTION

Each style is enhanced with intelligent, function led technologies that offer a layering system allowing you to layer up or down as conditions change for optimal comfort.





EV440 433

TROUSERS

EV4 STRETCH HOLSTER

EV441 433

TROUSERS

EV4 STRETCH SERVICE







EV442 165, /

EV4 HI-VIS STRETCH DETACHABLE

HOLSTER POCKET CLASS 1 TROUSERS







STRETCH YOUR LIMITS AND YOUR COMFORT ZONE

What defines this collection is its cutting-edge, slim fit design. High performance stretch fabrics and clever innovations ensure the wearer achieves maximum function, comfort and style.

Experience workwear that feels like it was made just for you.







SOFT STRETCH FABRICS FOR COMPLETE FREEDOM OF MOVEMENT

DX4TM products use high performance stretch panels with robust oxford weave panels to provide exceptional ease of movement while ensuring longevity and durability.











Titanmill™ Pro Stretch is our premium fabric formulated with the best combination of flexible elastane and hardwearing polyester yarns in a technical weave to create extended freedom of movement while achieving high abrasion resistance and long lasting durability.



Constructed with our technical tear resistant weave pattern using the optimal blend of hardwearing polyester yarns, flexible elastane and our softest cotton to date.



Stay protected with CorePro™ stretch panels that are precision engineered in high wear areas to provide the highest levels of abrasion resistance and durability. Tested to 100,000 rubs, this hardwearing fabric ensures maximum longevity in the toughest environments.



Portwest Extreme™ Waterproof and Breathable is our premium high performance rainwear fabric that offers superior comfort, function, and endurance in all weather conditions. Waterproof to over 15,000mm and breathable and windproof to the highest standards.

DX4™, TITANMILL™, COREPRO™ AND PORTWEST EXTREME™ ARE TRADEMARKS OF PORTWEST®.





LIMITLESS POSSIBILIT<u>IES</u>

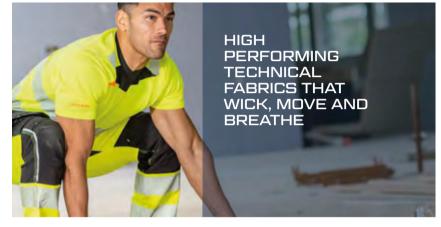
45+ STYLES

6 COLOURWAYS

MEN'S AND WOMEN'S OPTIONS













FEEL THE POWER OF FULL STRETCH, MINIMISE RESTRICTIONS AND MAXIMISE COMFORT





DYNAMIC 4X STRETCH

HIGH VISIBILITY - ALL WEATHER PROTECTION



DX466 108, DX4 HI-VIS 4-IN-1 JACKET



DX461 114, DX4 HI-VIS WINTER JACKET



DX430 113, DX4 HI-VIS CLASS 2 WINTER JACKET



DX462 % DX4 HI-VIS RAIN JACKET



DX475 146, DX4 HI-VIS SOFTSHELL (3L)



DX479 [50] DX4 HI-VIS HYBRID BAFFLE BODYWARMER



DX473 150, DX4 HI-VIS HYBRID BAFFLE JACKET



DX481 [190] DX4 HI-VIS LIGHTWEIGHT MID LAYER



DX482 [19] DX4 HI-VIS 1/4 ZIP HOODIE



DX483 191, DX483 HI-VIS OVERHEAD HOODIE

LEISUREWEAR



DX4 HI-VIS HOODIE



DX4 HI-VIS FUNNEL NECK SWEATSHIRT



DX41B [19] DX4 HI-VIS T-SHIRT L/S



DX4 HI-VIS ZIP POLO SHIRT S/S



DX4 HI-VIS T-SHIRT S/S

WORKWEAR



DX44E 166, DX4 HI-VIS DETACHABLE HOLSTER POCKET TROUSERS



DX445 167, DX4 HI-VIS DETACHABLE HOLSTER POCKET CLASS 1 TROUSERS



DX446 167 DX4 HI-VIS HOLSTER POCKET SHORTS



DX453 [167] DX4 HI-VIS SERVICE TROUSERS



DX4 HI-VIS CRAFT TROUSERS



DX4 HI-VIS CLASS 1 CRAFT TROUSER

ALL WEATHER PROTECTION



DX43-IN-1 JACKET



DX460 359 p DX4 WINTER JACKET



DX468 396 p DX4 INSULATED JACKET



DX4 SHELL JACKET

√ NEW



DX4 SOFTSHELL (3L)



DX4 HYBRID BAFFLE JACKET



DX4 HYBRID BAFFLE GILET



DX458 374_P DX4 SOFTSHELL GILET DX4 WINTER TROUSER (3L)



DX4 DETACHABLE HOLSTER POCKET SOFTSHELL TROUSER



DX4 ZIP LIGHTWEIGHT DX4 ZIPPED HOODIE MID LAYER



DX472 490 p



DX4 POLO SHIRT S/S



DX4 T-SHIRT L/S



DX411 497 p DX4 T-SHIRT S/S

HOLSTER POCKET



DX4 POLO SHIRT



DX4 QUARTER ZIP HOODIE

WORKWEAR



DX456 435 DX4 CRAFT HOLSTER TROUSERS



DX451 435_p DX4 CRAFT HOLSTER SHORTS



DX4 DETACHABLE HOLSTER POCKET TROUSERS



HAND PROTECTION



DX444 437 DX4 DETACHABLE HOLSTER POCKET SHORTS





TROUSERS





DX4 WORK BIB AND BRACE















COREPRO** INDESTRUCTIBLE

Stay protected with CoreproTM stretch panels that are precision engineered in high wear areas to provide the highest levels of abrasion resistance and durability. Tested to 100,000 rubs, this hardwearing fabric ensures maximum longevity in the toughest environments.

FLEXIBLE STRETCH PANELS

IN KEY MOVEMENT AREAS





UNLEASH YOUR TEAMS TRUE COLOURS

Available in the core colours demanded by industry, WX3™ allows you to offer a uniform look to your workforce, regardless of their function and colour preference. With inner and outer pieces that can be layered up or down, WX3 offers exceptional versatility regardless of climate or industry.

5 MIX AND MATCH

COLOUR OPTIONS

4 INDUSTRIAL WASH STYLES

8 FLAME RESISTANT STYLES

3 ECO CONSCIOUSOPTIONS

TROUSERS OPTIONS
AVAILABLE IN **SLIM AND STANDARD FIT** TO GIVE
MAXIMUM WEARER CHOICE

W)>3

DURABLE TECHNICAL WORKWEAR

ALL WEATHER

















LEISUREWEAR





√ NEW









T745 438, WX3 INDUSTRIAL WASH JACKET



JACKET (2L)

WX3 INDUSTRIAL WASH TROUSERS



WX3 INDUSTRIAL WASH BIB AND BRACE



WX3 INDUSTRIAL WASH SHORTS

FLAME RESISTANT



FR602 261, WX3 FR WORK JACKET



FR704 247, WX3 FR SOFTSHELL



FR710 269 WX3 FLAME RESISTANT SWEATSHIRT



FR711 271 WX3 FLAME RESISTANT LONG SLEEVE POLO



FR712 271, WX3 FLAME RESISTANT T-SHIRT



FR402 261 WX3 FR SERVICE TROUSERS



FR503 262, WX3 FR COVERALL









KXX3

TRANSITION
EFFORTLESSLY
FROM WORK TO
PLAY WITH THE
KX3 HYBRID
WORKWEAR
COLLECTION.

KX3TM garments not only meet the demands of physical work but also allow wearers to switch from the worksite to other social or leisure settings without sacrificing functionality or style.

This premium collection finds the balance between style, comfort, functionality and durability giving wearers low profile workwear options while staying safe.













SeratexTM Stretch is our fabric that strikes the right balance between comfort and flexibility while delivering unrivaled freedom of movement. Woven using our softest spun cotton combined with hard working elastane, this fabric is engineered by nature, responsibility sourced by us.





STRONG BY DESIGN

Ripstop fabrics, tough reinforcement panels and triple stitched seams offer style without compromising on strength



ACTIVE STREET WORKWEAR

ALL WEATHER











KX3 ULTRASONIC TUNNEL JACKET



KX3 HYBRID BAFFLE JACKET



KX3 ULTRASONIC BODYWARMER



KX3 SOFTSHELL GILET (3L)











KX3 TECHNICAL FLEECE



KX3 CHECK WORK SHIRT

^

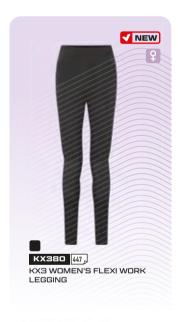
WORKWEAR













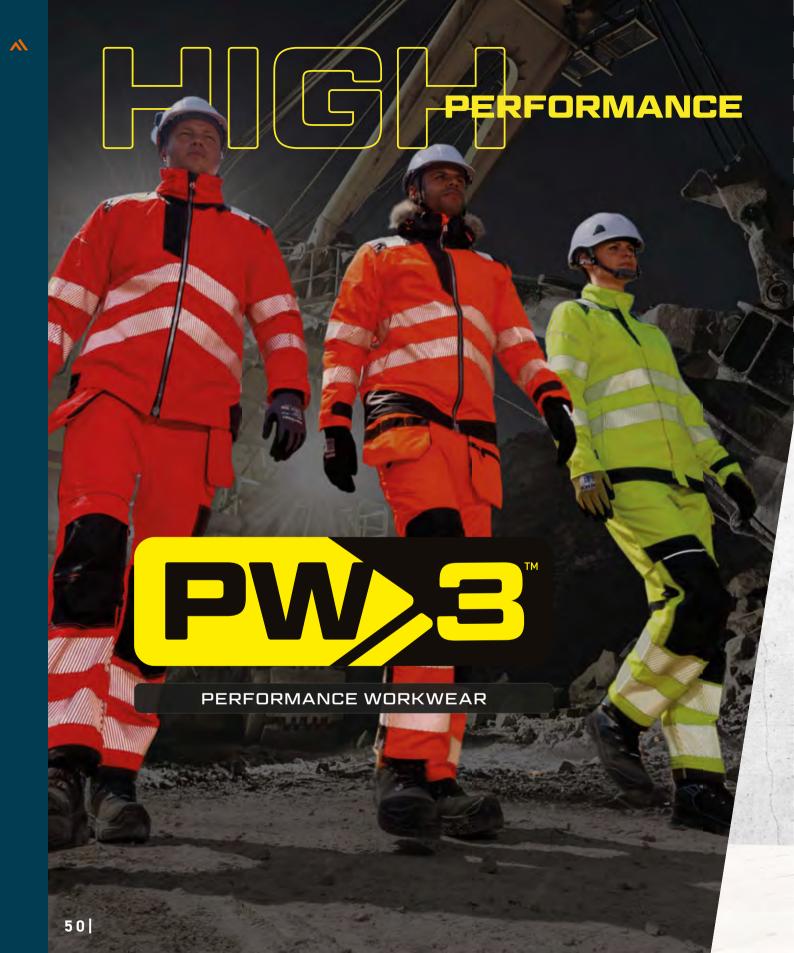


















HIGH
PERFORMANCE
WORKWEAR
DESIGNED TO
WORK HARD
IN DEMANDING
ENVIRONMENTS.

Blending sports and lifestyle trends the PW3™ collection is designed to deliver maximum performance. Now the largest workwear collection on the market, PW3 has an offer to keep wearers protected, dry and comfortable whatever their working environment.

55 + HIGH VISIBILITYSTYLES, WITH AN OPTION FOR ANY CLIMATIC CONDITION

NEW MULTI- NORM FLAME RESISTANT PROTECTION

ROBUST AND STRONGWORKWEAR

CO-ORDINATED **WOMEN'S AND MEN'S** STYLES

COMPLEMENTARY
HAND PROTECTION AND
ACCESSORIES













Cotton Comfort™ is our softest cotton rich knit fabric to date, constructed by our mills with absolute comfort in mind. Technically knitted, the cotton is next to the skin for comfort and breathability with robust polyester yarns on the outer side for durability. Our Cotton Comfort knit blend creates unparalleled performance cleaner for our leisurewear garments.

rich knit TexpelTM Splash Eco is our with extremely water resistant fabric finish which ensures water beads up and rolls off the fabric surface. This premium eco-conscious fabric finish also repels dirt and helps prevent stains to keep your garment looking cleaner for longer.







PERFORMANCE WORKWEAR

HIGH VISIBILITY - ALL WEATHER PROTECTION



PW367 [10] PW3 HI-VIS BREATHABLE 5-IN-1 JACKET



PW365 110 PW3 HI-VIS 3-IN-1 JACKET



PWS69 115, PW3 HI-VIS WINTER PARKA JACKET



PW3 HI-VIS WINTER JACKET



PW3 HI-VIS WOMEN'S WINTER JACKET



PW351 | 132)
PW3 HI-VIS WINTER
TROUSERS



PW3 HI-VIS WINTER COVERALL



PW3 HI-VIS EXTREME RAIN JACKET



PW389 122, PW3 HI-VIS WOMEN'S RAIN JACKET



PW342 136 PW3 HI-VIS EXTREME RAIN



PW3 HI-VIS RAIN TROUSERS





COVERALL



(3L)









PW371 151, PW3 HI-VIS BAFFLE JACKET



PREMIUM SAFETY WORKWEAR STYLES IDEAL FOR INDUSTRY OR MERCHANDISING IN-STORE









HIGH VISIBILITY - WORKWEAR



PW3 HI-VIS WORK JACKET



PW374 151_P PW3 HI-VIS REVERSIBLE BODYWARMER



PW335 154_P HI-VIS TECHNICAL FLEECE



PW302 153, PW3 HI-VIS 3-IN-1 PILOT JACKET



PW3 HI-VIS ZIP HOODIE



PW370 193, PW3 HI-VIS ZIP SWEATSHIRT



PW326 193, PW3 HI-VIS 1/4 ZIP SWEATSHIRT



PW3 HI-VIS SWEATSHIRT



PW3 HI-VIS COTTON COMFORT POLO SHIRT L/S



PW3 HI-VIS COTTON COMFORT POLO SHIRT S/S



PW3 HI-VIS COTTON COMFORT T-SHIRT L/S



PW3 HI-VIS COTTON COMFORT T-SHIRT S/S



PW3 HI-VIS V-NECK MESH INSERT T-SHIRT S/S

PW/3

PERFORMANCE WORKWEAR

HIGH VISIBILITY - WORKWEAR



PW3 HI-VIS EXECUTIVE



PW3 HI-VIS STRETCH HOLSTER POCKET TROUSERS



PW3 HI-VIS WOMEN'S STRETCH WORK TROUSERS



PW3 HI-VIS HOLSTER POCKET WORK TROUSERS



PW3 HI-VIS LIGHTWEIGHT STRETCH WORK TROUSERS



PW340 172 PW3 HI-VIS WORK TROUSERS



PW343 174 PW3 HI-VIS HOLSTER POCKET SHORTS



PW348 174, PW3 HI-VIS SHORTS



PW3 HI-VIS FLEXI JOGGER



CLASS 1



PW375 147, PW3 HI-VIS CLASS 1 SOFTSHELL (3L)



PW377 | 172 pl
PW3 ZIPPED CLASS 1
WINTER HOODIE



PW376 193, PW3 HI-VIS CLASS 1 SWEATSHIRT



PW308 204, PW3 HI-VIS CLASS 1 TOOL VEST



PW312 1%,
PW3 HI-VIS COTTON
COMFORT CLASS 1 T-SHIRT
L/S



PW311 201, PW3 HI-VIS COTTON COMFORT CLASS 1 T-SHIRT S/S



PW307 173, PW3 HI-VIS CLASS 1 HOLSTER POCKET TROUSERS



PW3 HI-VIS FLEXI CLASS 1 JOGGER



MULTI-NORM FLAME RESISTANT SOLUTIONS

FLAME RESISTANT



FR715 [25], PW3 FR HI-VIS WOMEN'S WORK JACKET

√ NEW





SWEATSHIRT











FR416 253,
PW3 FR HI VIS CLASS 1
HOLSTER TROUSERS







√ NEW





FR509 255 PW3 FR HVO COVERALL







PERFORMANCE WORKWEAR

ALL WEATHER PROTECTION



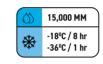




√ NEW **PWS** 58 378 PW3 WINTER COVERALL

10,000 MM

PW3 WINTER JACKET









HOLSTER TROUSER

PW3 WATERPROOF TROUSERS



PW378 389 p PW3 SOFTSHELL JACKET (3L)



JACKET





HAND PROTECTION



A770 599 PW3 GENERAL UTILITY GLOVE



A771 599 p PW3 TRADESMAN GLOVE



PW3 WINTER GLOVE



WORKWEAR



T603 451, PW3 WORK JACKET



PW337 489 PW3 PULLOVER HOODIE



PW305 450, PW3 STRETCH HOLSTER WORK TROUSERS



PW304 450, PW3 LIGHTWEIGHT STRETCH TROUSERS



PW380 451, PW3 WOMEN'S STRETCH WORK TROUSERS



PW3 HOLSTER WORK TROUSERS



PW345 452, PW3 HOLSTER WORK SHORTS



PW3 WORK TROUSERS



PW347 453, PW3 COTTON WORK HOLSTER TROUSERS



PW3 HARNESS TROUSERS



PW3 WORK JOGGER



LUGGAGE



PW3 100L WATER-RESISTANT DUFFLE TROLLEY BAG



PW3 70L WATER-RESISTANT DUFFLE



B955 510, PW3 HI-VIS RUCKSACK









WX2™ IS A NEW ECO-CONSCIOUS WORKWEAR COLLECTION.

WX2™ is an eco-conscious collection using GRS certified recycled fabrics and trims. The collection is manufactured with minimal impact on the environment and all products are constructed using a streamlined design to minimise waste during production which has the added benefit of delivering exceptional value.

WX2 has been developed to meet the specific needs of craftsmen and other industrial workers. Distinctive multi-functional pockets and chunky and robust zips, complement a slim and low-profile design.

COMPLEMENTARY **HIGH VISIBILITY AND WORKWEAR**STYLES

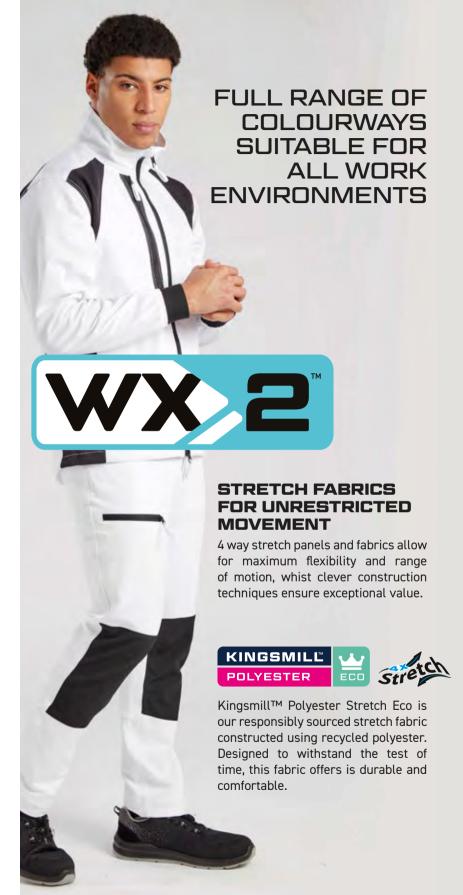
8 CORE INDUSTRIAL COLOURS FOR CORPORATE CONSISTENCY

INNER AND OUTER
LAYERING OPTIONS FOR A
MULTI SEASON VERSATILITY

WOMEN'S AND MEN'S STYLES









STRETCH WORKWEAR















CUSTOMISABLE PANEL MADE FOR OVER BRANDING

PW2[™] garments are designed with distinctive large panels, ideal for corporate over branding.



BUILD A TEAM LOOK WITH VERSATILE WORKWEAR DESIGNED FOR OVERBRANDING

We believe that workwear should be both functional and fashionable. Our PW2 collection offers slim fitting versatile workwear that fits perfectly, performs well and helps workers feel part of the team.

Striking two tone designs in high visibility and key corporate colours can be mixed and matched to create a dynamic head to toe uniform.











VERSATILE WORKWEAR



PW260 363 p PW2 WINTER JACKET



PW2 SOFTSHELL (2L)



PW2 WOMEN'S SOFTSHELL (2L)



PW273 492 p PW2 FLEECE PW2 SWEATSHIRT



PW2 WORK TROUSERS





PW2 COTTON COMFORT POLO SHIRT S/S



PW2 COTTON COMFORT WOMEN'S POLO SHIRT S/S



PW2 COTTON COMFORT T-SHIRT S/S



PW240 459 p PW2 SERVICE TROUSERS



PW2 HEAVY WEIGHT SERVICE TROUSERS



PW2 BIR AND BRACE

HIGH VISIBILITY



PW261 118, PW2 HI-VIS WINTER JACKET



PW265 123 , PW2 HI-VIS SHELL JACKET



PW275 149 a PW2 HI-VIS SOFTSHELL (2L)



PW231 155 p PW2 HI-VIS FLEECE BODYWARMER



PW274 155 p PW2 HI-VIS FLEECE



PW2 HI-VIS SWEATSHIRT



PW220 197 p PW2 HI-VIS POLO SHIRT L/S



PW2 HI-VIS T-SHIRT L/S



PW2 HI-VIS COTTON COMFORT POLO SHIRT S/S



PW213 201, PW2 HI-VIS COTTON COMFORT T-SHIRT S/S



PW2 HI-VIS HOLSTER POCKET TROUSERS



PW2 HI-VIS SERVICE **TROUSERS**



PW2 HI-VIS BIB AND BRACE



HIGH VISIBILITY PROTECTION



OUTSTANDING RANGE OF HIGH PERFORMING HIGH VISIBILITY PRODUCTS

WHEN WORKING IN LOW LIGHT OR HIGH-RISK WORK ENVIRONMENTS HIGH VISIBILITY WORKWEAR IS VITAL IN KEEPING WORKERS SEEN AND SAFE.

We are proud to have one of the most comprehensive ranges of high visibility products in the market, constructed using a variety of robust, high-performance fabrics. Our products meet or exceed the stringent test requirements of international high visibility standards EN ISO 20471, ANSI/ISEA 107 and AS/NZS 4602.1

OUTERWEAR

95

WORKWEAR

62

LEISUREWEAR

187

VESTS

204



CLASSIC FABRICS

HIGH VISIBILITY - ALL WEATHER PROTECTION



Portwest Extreme™ Waterproof and Breathable is a premium high performance rainwear fabric that offers superior comfort, function, and endurance in all weather conditions. Waterproof to over 15,000mm and breathable and windproof to the highest standards.



Portwest Extreme™ Waterproof is a premium high performance rainwear fabric that offers superior comfort, function, and endurance. Waterproof to over 15,000mm for maximum wet weather protection.



RipShell™ is our technical 3-layer ripstop softshell fabric, designed to provide tough, warm, breathable protection against wind and rain. The Ripstop face fabric keeps wind and rain out and is durable enough to endure the most rigorous movement. A soft inner fleece lining is warm and comfortable, while the addition of a breathable membrane enhances dryness especially during active tasks.





Made with 300 Denier 100% Polyester yarn, this is a tough fabric for tough conditions. 300D 190g fabric has superb abrasion and tear resistance. The double coating of polyurethane (PU) on the inside makes the fabric durable and waterproof. And the outer has a water and stain repellent coating which helps keep the garment clean. 300D Oxford Weave is available with both a breathable (300D Breathable) and non-breathable (300D Industry) double polyurethane coating.



Made using 300 denier 100% GRS certified recycled polyester yarn, this is an eco-conscious and tough fabric. Double PU coating on the inside makes the fabric durable and waterproof.



Made with 100% polyester 190T yarn, this plain weave fabric is durable and hard wearing for tough conditions. This fabric is lightweight and has superb abrasion and tear resistance. It has a PVC coating inside which makes the fabric waterproof and has a water repellent coating on the outside which helps keep the garment clean.



Made with 150 Denier 100% Polyester yarn, this is a tough fabric for tough conditions. 150D fabric has superb abrasion and tear resistance. The PVC coating on the inside makes the fabric durable and waterproof and the outer has a water repellent coating which helps keep the garment clean.



SealtexTM Ultra is a highly breathable, high technology PU coated fabric, on a flexible 100% polyester tricot knit, 185g. Sealtex Ultra meets high visibility standard EN ISO 20471.

HIGH VISIBILITY - WORKWEAR



Titanmill™ Ultra is our hardworking fabric that provides unparalleled performance and outstanding abrasion resistance. Woven with high performing and durable nylon fibres. Titanmill Ultra is the best choice for withstanding the harshest environments while providing outstanding comfort to the wearer



Titanmill™ Ultra Stretch is our hardworking yet flexible fabric. Technically woven with high performing and durable nylon fibres. Enriched with highly flexible elastane to endure the harshest environments while optimising comfort and freedom of movement for the wearer.



Titanmill™ Ultra Ripstop Stretch strikes the ultimate balance between performance, durability and flexibility. Using a technical weave pattern combined with high performing and durable nylon fibres and flexible elastane to equip our garments with incomparable tear and abrasion resistance, durability and freedom of movement.



Titanmill™ Pro is our premium fabric formulated with hardwearing polyester yarns in a technical weave to create high abrasion resistance and long lasting durability.



Titanmill[™] Pro Stretch is our premium fabric formulated with the best combination of flexible elastane and hardwearing polyester yarns. Technically woven to create extended freedom of movement while achieving high abrasion resistance and long lasting durability.



Titanmill™ Plus is constructed with the optimal blend of hardwearing polyester yarns and our softest cotton to date. Our own formulated fabric balances exceptional abrasion resistance, breathability and superior comfort.



Formulated for exceptional freedom of movement, exceptional abrasion resistance, breathability and superior comfort.



Constructed with our technical tear resistant weave pattern using the optimal blend of hardwearing polyester yarns, flexible elastane and our softest cotton to date.



The optimal blend of hardwearing polyester yarns and our softest cotton to date, made even softer with our peach finish.



Engineered using GRS-certified, recycled polyester yarns and our softest cotton to date for exceptional abrasion resistance, breathability and superior comfort.



Kingsmill™ Polycotton is polyester and cotton woven fabric. This fabric guarantees high performance and maximum comfort. The material is fully pre-shrunk, has superior dye retention and all the features you would expect from a modern workwear fabric.

HIGH VISIBILITY - LEISUREWEAR



Cotton Comfort™ is our softest cotton rich knit fabric to date, constructed by our mills with absolute comfort in mind. Technically knitted, the cotton is next to the skin for comfort and breathability with robust polyester yarns on the outer side for durability. Our Cotton Comfort knit blend creates unparalleled performance for our leisurewear garments.



EzeeCool™ is our technical, moisture-wicking fabric, engineered to keep our wearers dry and cool when hard at work. Constructed to ensure that perspiration and excess moisture evaporate quickly for the best comfort in warm conditions.



The Portwest high visibility **MeshAir™** fabric is lightweight and fully breathable making it ideal for working in warmer conditions. The open mesh fabric uses an advanced open knit construction which provides full airflow around the body and excellent ventilation. The MeshAir high visibility fabric is fully tested and certified to EN ISO 20471.

TECHNOLOGIES

HiVisTex PRO

HiVisTexTM Pro retroreflective tape offers excellent freedom of movement due to its segmented construction. Lightweight and flexible this high performance heat applied tape has thousands of glass beads per centimetre squared which work like thousands of tiny mirrors reflecting light back towards its source.

HiVisTex

HiVisTex™ is an innovative reflective tape material constructed from thousands of premium, wide angle, glass beads, placed per centimetre squared. These beads work like thousands of tiny mirrors, reflecting light back towards its source as a brilliant white glow. Perfect for use in the protective clothing industries HiVisTex™ tape ensures the wearer ultimate visibility in low light conditions.



INSULATEX P

InsulatexTM Pro is our most advanced lightweight thermal lining with supreme warmth-to-weight ratio. Constructed using hollow fibre technology, this soft insulating fabric has millions of air pockets that trap air and body heat offering maximum protection in extreme cold and wet conditions. Providing superior lightweight comfort to the wearer without adding bulk.



INSULATEX THERMAL INSULATION

Constructed using hollow fibre technology, Insulatex[™] provides a lighter and warmer thermal lining. The unique fabric technology locks in the body's warmth to create a thermal barrier with the high performance material offering superior lightweight comfort to the wearer without adding bulk.



CoreProTM Armour is our highly abrasive 4-way stretch fabric made with ultra strong nylon fibre for excellent tear resistance and durability. The 3-dimensional fabric surface make it the perfect material for heavy duty reinforcement on high wear areas such as knees and elbows.



COREPRO

Stay protected with CoreProTM stretch panels that are precision engineered in high wear areas to provide the highest levels of abrasion resistance and durability. Tested to 100,000 rubs, this hardwearing fabric ensures maximum longevity in the toughest environments.



FLEXIHEM

FlexiHem $^{\text{TM}}$ is an innovative hem adjuster designed for and tested by workers who climb. This neat adjuster secures the trouser at the ankle, holding it firmly in place to reduce entrapment and give clearer sight of ladder rungs.





WHAT MAKES TEXPEL SPLASH ECO?

Texpel™ Splash Eco was developed to offer an eco-conscious waterproof finish, completely free of PFAS (per- and poly-fluoroalkylated substance). PFAS coatings have historically been used in waterproof garments for their long-lasting water and dirt repellent qualities but are known to be harmful as they persist in the environment. Texpel Eco was developed to remove these environmentally harmful PFAS, but not compromise product performance or longevity.

After extensive wear trials, our team have developed Texpel Eco splash, which offers the same exceptional water and dirt repellence as traditional water resistant treatments, keeping wearers dry and comfortable whilst being kinder to the environment



PREMIUM STAIN RESISTANT FINISH REPELS OIL, WATER AND GRIME

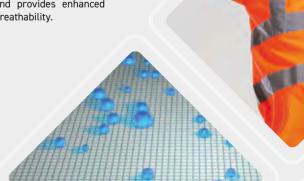
Texpel™ SOS is our premium fabric finish which repels oil and liquids, causing them to bead up and roll off the fabric surface. This fabric finish also helps release stains in the washing process, keeping garments looking cleaner for longer.





TEXPEL WICK DRYING EFFECT

Texpel™ Wicking is our premium fabric finish which wicks moisture away from the skin to keep you fresh and comfortable. Offering powerful protection from stains, the fabric blocks bad odours and provides enhanced breathability.





MADE TO **ENDURE**

RIGOROUS WASH TESTING

The effectiveness of high visibility garments diminishes when they become dirty or faded. It is essential for workers to conduct regular checks on their garments to ensure they are clean and vibrant. The reflective tape strips should be in good condition, without signs of wear, tearing, or peeling. Therefore, it is important to invest in garments that have undergone thorough testing to ensure their durability.

At Portwest, we conduct rigorous wash testing on our high visibility garments, subjecting them to up to 50 home washes. This surpasses the industry standard of only 5 washes as required by EN ISO 20471.

Following 50 home washes, our garments at Portwest demonstrate exceptional durability and performance.

- Garments maintain their shape, ensuring a comfortable and safe fit for the wearer.
- The fabric retains its colour fastness, preserving the vibrant visibility of the garment.
- Our retroreflective HIVISTEX™ tape and HIVISTEX™ Pro segmented tape continue to uphold their reflective properties, enhancing visibility even in lowlight conditions.
- Furthermore, essential components like buttons, studs, and fasteners exhibit reliable functionality, ensuring the overall quality and longevity of our high visibility garments.



EXCEPTIONAL DURABILITY AND PERFORMANCE AFTER WEAR AND WASHING.

TRUSTED TESTING

EXCEEDING STRINGENT QUALITY STANDARDS.

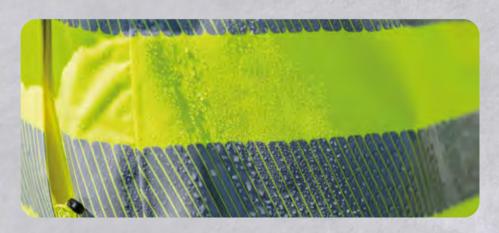
Maintaining exceptional quality is paramount to our success. While a certificate from a test house confirms that a garment or fabric meets the EN ISO 20471 standard, it doesn't guarantee that the entire bulk production adheres to the same standard. That's why we go the extra mile at our manufacturing facilities.

EVERY ROLL OF HIGH VISIBILITY FABRIC AND RETROREFLECTIVE TAPE IS RIGOROUSLY TESTED

At Portwest, we subject every roll of high visibility fabric and retroreflective tape to rigorous testing using highly specialized equipment. This meticulous process ensures that all our garments not only meet but surpass the EN ISO 20471 standard.

While EN ISO 20471 specifies a minimum reading of 330 (cd/lx.m 2), we hold ourselves to an even higher benchmark. We insist on a minimum reading of 400 (cd/lx.m 2) plus, further enhancing the visibility and safety of our products.

By meticulously testing each component of our garments, we guarantee that every aspect, from the fabric to the retroreflective tape, meets and exceeds the EN ISO 20471 standard, providing our customers with the utmost quality and peace of mind.







HIGH VISIBILITY

Portwest's high visibility clothing is designed and manufactured to comply with EN ISO 20471 (EU and internationally recognised), ANSI/ISEA 107 (US) and AS/NZS 4602.1 (Australia and New Zealand).





WHAT'S THE RISK?

Working in low light conditions in proximity to moving vehicles or machinery is one of the most common causes of workplace accidents.



EN ISO 20471



WHO IS AT RISK?

Incidents involving vehicles and machinery and low light conditions occur across a wide range of industries including agriculture, transportation, construction and vehicle repair.

INJURIES

Injuries suffered include amputations, dislocations, complex fractures and worse. The consequences are catastrophic for individuals affected.

HIGH-VISIBILITY CLOTHING

ISO 20471:2013 specifies requirements for high visibility clothing which is capable of visually signalling the user's presence. The high visibility clothing is intended to provide conspicuity of the wearer in any light condition when viewed by operators of vehicles or other mechanised equipment during daylight conditions and under illumination of headlights in the dark.

Performance requirements are included for colour and retroreflection as well as for the minimum areas and for the placement of the materials in protective clothing.

ANSI/ISEA 107



ANSI/ISEA 107 is the American National Standard for High Visibility Safety Apparel and Headwear. The industry standard developed by the American National Standards Institute provides a uniform, authoritative guide for the design, performance specifications and use of high visibility and reflective apparel including vests, jackets, bib/jumpsuit coveralls, pants and harnesses. Garments that meet this standard can be worn 24 hours a day to provide users with a high level of conspicuity through the use of combined fluorescent and retro-reflective materials.

ANSI/ISEA 107 has 3 garment types indicated below: ANSI/ISEA 107 TYPE 0 CLASS 1 for Off-Road Use ANSI/ISEA 107 TYPE R CLASS 2 for Roadway Use ANSI/ISEA 107 TYPE R CLASS 3 for Roadway Use ANSI/ISEA 107 TYPE P CLASS 2 for Public Safety ANSI/ISEA 107 TYPE P CLASS 3 for Public Safety

AS/NZS 4602.1





The AS/NZS 4602.1 Standard specifies the visual requirements for high visibility safety garments for occupational wear by people who may be exposed to the hazard of moving traffic, moving plant or equipment in high risk situations. The standard covers garments suitable for daytime wear, night-time wear where they will be seen by retroreflected light or for wear under both conditions but excludes garments for use by fire services.



Class D A garment designed for daytime use.



Class N A garment designed for night use using retro reflected light.



Class D/N A garment designed for day and night use.

AS/NZS 1906.4





This Standard specifies the requirements for high visibility materials and reflective tape to be used on industrial safety garments for outdoor daytime use and for use at night or in other dark conditions where the wearer needs to be highly visible.



EN ISO 20471 has three classes which provide different complicity in daylight and in night-time. The testing assesses the design. The class is determined by the amount of fluorescent material and reflective tape used on the garment.









Minimum level of protection required for any persons working on a private road or to be used in conjunction with a higher classed garment. Must incorporate a minimum of 0.14m^2 of background material and 0.10m^2 of retro-reflective material. (2 metres of 5cm wide reflective tape)



CLASS 2



Intermediate level of protection - Required for any persons working on or near A and B class roads, also for delivery drivers. Must incorporate a minimum of 0.50m2 of background material and 0.13m^2 of retro-reflective material. (2.60 metres of 5cm wide reflective tape)



CLASS 3



Highest level of protection - required for any persons working on or near motorways or dual-carriage ways or airports. Must incorporate a minimum of 0.80m² of background material and 0.20m² of retro-reflective materials. (4 metres of 5cm wide reflective tape)

ISO 13688 - PROTECTIVE CLOTHING - GENERAL REQUIREMENTS

This international standard specifies general requirements and recommendations for ergonomics, ageing, sizing and marking of protective clothing, and for information supplied by the manufacturer. Every certified garment in this brochure is also certified to ISO 13688. This standard replaces the old EN340 standard.



EN ISO 20471 CLASS 3 ENSEMBLES

There are two ways to attain EN ISO 20471 Class 3 at Portwest. Either choose an EN ISO 20471 product that is rated Class 3 on its own or choose two products that together are Class 3 certified.



Class 1



Class 2 = Class 3 Ensemble







EN ISO 20471 CLASS 3 ENSEMBLES

Examples of Portwest Class 3 Certified Ensembles are detailed below and on the previous page.







HOLSTER POCKET TROUSERS

HIGH VISIBILITY







WORKING IN EXTREME COLD

EN 342 STANDARD AND THERMAL MANIKIN TESTING



EN342 protection against cold is the most comprehensive standard test method for clothing designed to protect you in cold conditions.

The principle test uses a heated manikin, a thermal insulation value is determined from the power required to maintain the manikin at a constant temperature.

This value is used to classify the performance of the garment.

This insulation value of the clothing, the activity level of the wearer and the temperature of the environment can be used to estimate the maximum duration of wear.



0.356 I_{Cler} (m².K/W)

EN 342: 2017

EN342 COLD TEMPERATURE RANGE

This chart shows the clothing is tested for wear at medium activity levels, at the temperature and the time indicated.



This example shows that a worker can wear the garment specified for a medium level activity for 8 hours at -22° C or for 1 hour at -41° C.

EN 14058 PROTECTIVE CLOTHING - GARMENTS FOR PROTECTION AGAINST COOL ENVIRONMENTS

This standard specifies requirements and test methods for the performance of single garments for protection against cooling of the body in cool environments. Cool environments are as a result of a combination of humidity and wind at temperatures of -5°C and above. At moderate low

temperatures garments against local body cooling are not only used for outdoor activities but can be used for indoor activities. In these cases garments often do not need to be made of watertight or air impermeable materials. Therefore, these requirements are optional for this standard.





















RAIN JACKETS





















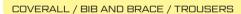






















MULTI-WAY BOMBER JACKETS

























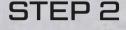


MAKING OUR **GARMENTS WATERPROOF**

Waterproofing our fabric

STFP 1 -

Preventing water penetration by one of two methods; applying a durable water repellent membrane or a double coating of polyurethane (PU). Both methods ensure the garment is waterproof and breathable.



We apply a Durable Water Repellent (DWR), which ensures the water rolls up and beads off the fabric, avoiding water build up.



WATERPROOF **MEMBRANE**

Portwest Extreme™ uses a waterproof and breathable membrane, a durable water repellent (DWR) finish on face fabric and a breathable backing fabric. These combined technologies allow moisture to escape, while preventing water penetration.



COATING

Our 300D fabrics use a double coating of polyurethane (PU) for guaranteed waterproofness. Our application process creates microscopic holes which let perspiration out but doesn't allow water droplets in.



WATER REPELLENT FINISH

Texpel™ premium water repellent fabric finishes offer exceptional protection against liquid and stains. Texpel™ SOS, Splash, Oil and Stain repels oil and liquids, causing them to bead up and roll off the fabric surface. Texpel™ Splash Eco is an extremely water resistant fabric finish that ensures water beads up and rolls of the fabric surface and protects against dirt and stains.















WATERPROOF COATINGS EXPLAINED

Thermoplastic polyurethane (TPU) is a very elastic and flexible material. It is smooth to the touch and is extremely durable and strong. TPU is bonded using heat rather than chemicals. It is the toxin free choice. It has breathable options and can be used a laminate or as a coating.

Polyurethane (PU) is waterproof, strong, durable and flexible, with breathable options. It can be used as a laminate or as a coating.

Polyvinyl Chloride (PVC) is waterproof, strong and durable and is generally only used as a coating.

Adding comfort and performance

STEP 3

STEP 4

Taping or welding the seams is required to create a fully waterproof garment.

Our designers add feature enhancements to the garments for maximum comfort and functional performance.



TAPED OR WELDED SEAMS

Taped Seams:

A seal is heat applied to a seam on the inside, to stop water entering through the stitching.

Welded Seams:

A stitched seam is welded using heat and pressure, to make it watertight.



ENHANCED FEATURES

- · Specially engineered watertight pockets.
- Durable waterproof zippers
- Adjustable openings to facilitate ventilation.
- Double stormflap for protection against driving wind and rain.
- Engineered hood, hems and sleeve cuffs to ensure precise fit and keep the water out.





RAIN PROTECTION

DX477

WATER RESISTANCE AND **BREATHABILITY TESTING**

We cannot control the weather, and when it rains you need clothing that protects you as you work.

EN343 protection against rain sets out the requirements for clothing, materials and seams to protect against rain, and also snowflakes, fog and ground humidity.

The standard uses 2 performance parameters: water resistance and breathability. There is an optional rain tower test (EN 14360) where clothing is exposed to the impact of high energy droplets (450litres/m²/hr).

The performance is shown as e.g., EN343 Class 4:3:X, where 4 is the water resistance, 3 the breathability and X indicates the optional rain tower test was not undertaken.

EN343 CLASS

4

X

WATER RESISTANCE LEVEL
1. Entry

BREATHABILITY LEVEL

RAIN TOWER TEST (EN14360)

2. Intermediate

1. Not Breathable 2. Intermediate

Indicated by the letter R or X when not

3. Hiah

3. High

4. Highest

4. Highest

undertaken

WATERPROOF AND BREATHABILITY NUMBERS

WHAT DO THEY REALLY MEAN FOR WORKERS?

MM WATERPROOF















3,000 MM



10,000 MM



20,000 MM +

The minimum rating for a garment to be called waterproof, suitable for working in light to moderate rain. Will withstand moderate to heavy rain but may soak through if subjected to pressure such as kneeling in very wet conditions. Suitable for those working outdoors in extreme weather conditions, wind and heavy rain.

Waterproof ratings are measured in millimetres (mm), ranging from 800mm to 20,000mm. For example 10,000mm indicates that a fabric can withstand the pressure of a 10 metre tall column of water pushing on it before it starts to let any water through.

Waterproof Level

MVP BREATHABILITY





3,000 MVP

Suitable for light physical activity which causes minimal perspiration.





10,000-20,000 MVP

Suitable for heavy physical activity which results in significant perspiration, will require rainwear this breathable.





20,000 MVP +

Suitable for heavy physical activity which results in significant perspiration.

MVP is Moisture Vapour Permeability expressed as $g/m^2/24$ hours, it is the number of grams (g) of water vapour that can pass through a square metre (m^2) of fabric from the inside to the outside in 24 hours. The larger the number, the more breathable the fabric.

Breathability Level











RAIN TROUSERS / COVERALLS / BIB AND BRACE - CLASS 4:3



RAIN TROUSERS / COVERALLS / BIB AND BRACE - CLASS 3:1



Bris RIS-3279-TOM

design and construction, these styles comply with the latest RIS 3279-TOM standard. Additional contrast panel styles that also meet RIS-3279-TOM can be found throughout

Meeting the stringent requirements in both this high visibility section. OVER 200 STYLES COMPLYING WITH THE RAIL INDUSTRY STANDARD

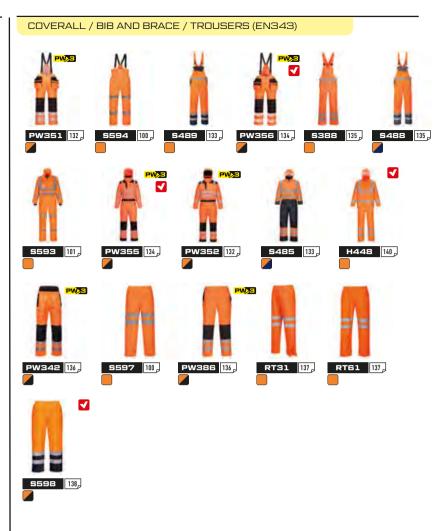
PW62

MULTI-WAY JACKETS



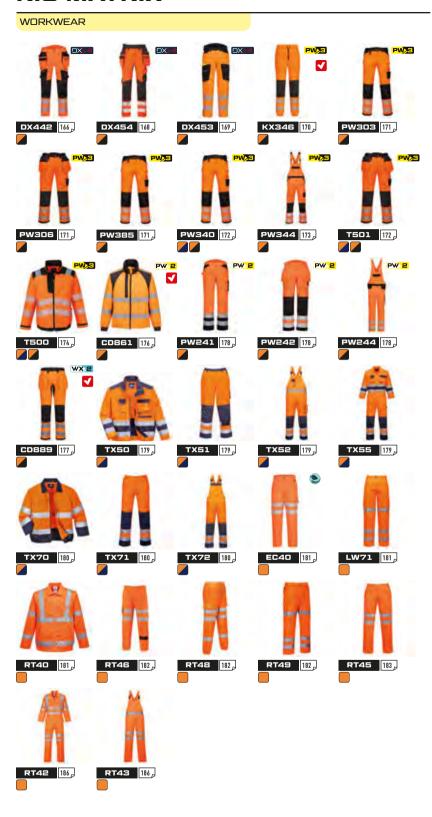








RIS MATRIX





RIS MATRIX





ENHANCED VISIBILITY





EN 17353



EN 17353 - ENHANCED VISIBILITY EQUIPMENT FOR MEDIUM RISK SITUATIONS

The **EN 17353** standard is applicable to clothing and devices worn in medium risk situations such as working with slow-moving vehicles and in areas of work where high risk (EN ISO 20471) high visibility clothing is not required. Garments and devices are permitted for use in daylight (day) conditions only, dark (night) conditions only, or for both daylight and dark conditions.



TYPE A: EQUIPMENT FOR DAYLIGHT

Equipment is worn by users where the risk of not being seen exists only in daylight conditions. This equipment uses only the fluorescent material as an enhanced visibility component



TYPE B: EQUIPMENT FOR DARK CONDITIONS

Equipment worn by users where risk of not being seen exists only in dark conditions. This equipment uses only the retroreflective material as an enhanced visibility component



TYPE AB: EQUIPMENT FOR DAYLIGHT, TWILIGHT AND DARK CONDITIONS

Equipment is worn by users where the risk of not being seen exists only in daylight conditions. This equipment uses only the fluorescent material as an enhanced visibility component









1YI

UV RAYS AND HEAT STRESS PROTECTION



Indicates 40+ UPF rated fabric to block 98% of UV rays

Workers can be regularly exposed to high levels of UV rays, which can result in skin and eye damage over time and can cause a range of health problems.

Our design team have developed clothing that offers UPF 40+ rating and are designed to block harmful UV rays. UPF40+ rated clothing is an effective form of protection against sun damage and skin cancer. UPF clothing also keeps workers safe, cool and comfortable.



LIGHTWEIGHT

Indicates lighter weight clothing suitable for use in hot working conditions and warm climates

Extreme heat conditions can have detrimental effects on the wellbeing of workers. Extreme temperatures indoors and outdoors can lead to heat stress, fatigue, memory impairment and reduced concentration.

Heat load is often further increased from the use of protective clothing. At Portwest we have developed lighter weight clothing suitable for use in hot environments and warm climates.

SCAN OR CODE TO VIEW OUT LIGHTWEIGHT STYLES ONLINE









S491

S493

HIGH VISIBILITY OUTERWEAR

STAY WARM AND
PROTECTED IN
HARSH WEATHER
ENVIRONMENTS
WITH OUR
EXTENSIVE RANGE
OF HIGH-VISIBILITY
OUTERWEAR
PRODUCTS



LINED

EXTREME RAIN
JACKET

PW360 PW3 HI-VIS EXTREME RAIN **JACKET**

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X

WP 11.000MM MVP 50.000G/M2/24HRS

ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3

Portwest Extreme: 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Membrane, 200g

100% Polyester Mesh, 60g

Orange/Black S-3XL, Yellow/Black S-4XL

- Waterproof and breathable with taped seams to prevent water penetration
- Premium stain resistant finish repels oil, water and
- Internal pockets for safe storage
- Quick dry knitted cuff for a snug and comfortable fit
- Underarm pit zips for enhanced breathability
- Waterproof zips to prevent water penetration







BACK







11,000 MM 50,000 MVP

GET THE COLLECTION

SEE PAGE 50, OR SCAN OR CODE TO VIEW THE FULL PW3 **COLLECTION** ONLINE





Portwest Extreme™ is a premium performance breathable rainwear fabric constructed from 100% Polyester, 300D Stretch Oxford 200g and offers superior comfort, function and endurance in all weather conditions.





EXTREME RAIN JACKET





- · This fabric has been engineered to provide a technical barrier against the elements providing the maximum waterproof, breathable and windproof protection which far exceeds the current highest Class 4:4 requirements for EN 343.
- The microporous fabric delivers exceptional stretch characteristics ensuring outstanding flexibility for the wearer.
- · The exterior fabric surface is treated with a Texpel finish to protect against water and oil stains.

S590 HI-VIS EXTREME RAIN JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 11,000MM MVP 50,000G/M²/24HRS

Portwest Extreme: 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Membrane, 200g

100% Polyester Mesh, 60g

Sleeve: 100% Polyester Taffeta 190T, 50gm

Orange S-3XL, Yellow S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Premium stain resistant finish repels oil, water and
- Internal pockets for safe storage
- · Hook and loop cuffs for a secure fit
- Dual ID holder allows use of both portrait and landscape ID card display
- Double storm flap to protect against the elements

CAN BE WORN WITH INTERACTIVE FLEECE F300 (SOLD SEPARATELY)





















EXTREME RAIN BOMBER AND HOOD

S591 HI-VIS EXTREME RAIN BOMBER

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X

WP 11,000MM MVP 50,000G/M²/24HRS

Portwest Extreme: 100% Polvester, 300D Stretch Oxford, with a stain resistant finish, PU Membrane, 200g 100% Polyester Mesh, 60g

Sleeve: 100% Polyester Taffeta 190T, 50gm Orange S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- · Premium stain resistant finish repels oil, water and
- · Internal pockets for safe storage
- · Hook and loop cuffs for a secure fit
- Elasticated hem for a secure and comfortable fit
- · Double storm flap to protect against the elements























Portwest Extreme: 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Membrane, 200g

190T: 100% Polyester Taffetta, 50g Orange, Yellow One Size

- \cdot Waterproof and breathable with taped seams to prevent water penetration
- Premium stain resistant finish repels oil, water and grime
- Ergonomically shaped hood for a perfect fit
- · Lined for added warmth and comfort
- · Vertical and horizontal hood adjustment
- Durable, breathable, windproof and water resistant fabric







EXTREME RAIN TROUSERS AND BIB AND BRACE





EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 11,000MM MVP 50,000G/M²/24HRS

Portwest Extreme: 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Membrane, 200g

Orange S-3XL, Yellow S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Premium stain resistant finish repels oil, water and grime
- · Drawcord adjustable waist for a comfortable fit
- · Easy access cargo pockets





EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 11,000MM MVP 50,000G/M²/24HRS

Portwest Extreme: 100% Polyester, 300D Stretch Oxford, with a stain resistant finish, PU Membrane, 200g

Orange S-3XL

- \cdot Waterproof and breathable with taped seams to prevent water penetration
- · Premium stain resistant finish repels oil, water and grime
- · Quick and easy side access
- · Double rule pocket



























EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X

WP 11,000MM MVP 50,000G/M²/24HRS

Portwest Extreme: 100% Polyester, 300D Stretch Oxford, with a stain resistant

finish, PU Membrane, 200g

100% Polyester Mesh, 60g Sleeve:100% Polyester Taffeta 190T 50g

Orange S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- · Premium stain resistant finish repels oil, water and grime
- · 10 pockets for ample storage
- · Quick and easy side access











7-IN-1 BREATHABLE **JACKET**

S427 HI-VIS BREATHABLE 7-IN-1 TRAFFIC **JACKET**

EN ISO 20471 CLASS 3 EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/M²/24HRS EN 342 0.341 (M2.K/W), 3, X ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g Outer Jacket: 100% Polyester Mesh, 60g Inner Jacket: 65% Polyester, 35% Cotton, 70g

Inner Jacket: 100% Polyester 160g

Yellow XS-6XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- EN342 Protection against cold certified up to -40°C
- · Hook and loop cuffs for a secure fit
- Fleece lined collar to trap the heat and increase
- Knitted cuff for comfort and warmth





2 OUTER JACKET WITH INNER JACKET



OUTER JACKET WITH SLEEVELESS INNER JACKET



4 INNERS...
SLEEVES INNER JACKET WITH















5 INNER JACKET REVERSED



6 BODYWARMER REVERSE



BODYWARMER





















































RT27 HI-VIS BREATHABLE 7-IN-1 TRAFFIC JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/M2/24HRS

EN 342 0.355 (M2.K/W), 3, X

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Outer Jacket: 100% Polyester Mesh, 60g

Inner Jacket: 65% Polyester, 35% Cotton, 70g

Inner Jacket: 100% Polyester, 160g

Orange XS-5XL

- · EN342 Protection against cold certified up to -40°C
- · Hook and loop cuffs for a secure fit











S426 HI-VIS BREATHABLE 7-IN-1 CONTRAST TRAFFIC JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/M²/24HRS

EN 342 0.343 (M2.K/W), 3, X

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Outer Jacket: 100% Polyester Mesh, 60g

Inner Jacket: 65% Polyester, 35% Cotton, 70g Inner Jacket: 100% Polyester, 160g

Orange/Navy S-4XL, Yellow/Navy XS-4XL

- · EN342 Protection against cold certified up to -40°C
- · ID card holder for ID card display















1 OUTER JACKET WITH INNER JACKET



2 OUTER JACKET



OUTER JACKET WITH SLEEVELESS INNER JACKET



4 INNER JACKET WITH SLEEVES



5 BODYWARMER



5-IN-1 BREATHABLE JACKET





PW367 PW3 HI-VIS BREATHABLE 5-IN-1 JACKET -

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X

WP 10,000MM, MVP 10,000 G/M²/24HRS

ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Outer Jacket: 100% Polyester Mesh, 60g Inner Jacket: 100% Polyester Fleece, 400g

Inner Jacket Sleeve: 100% Polyester, 100g Orange/Black S-4XL, Yellow/Black S-5XL

- Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- 10 pockets for ample storage
- Detachable ID pocket
- · Hook and loop cuffs for a secure fit
- · Two-way zip for quick and easy access





ORANGE/BLACK



BACK



















SEE PAGE 50 OR SCAN QR CODE TO VIEW THE FULL PW3 COLLECTION















5-IN-1 EXECUTIVE

Double PU coating for

guaranteed waterproofness

OUTER FABRIC

PU COATING 1

PU COATING 2

JACKET

S768 HI-VIS 5-IN-1 CONTRAST **EXECUTIVE JACKET**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.352 (M2, K/W), 2, X ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Outer Jacket: 100% Polyester Mesh, 60g

Inner Jacket: 100% Polyester Fleece, 280g Orange/Navy XS-5XL, Yellow/Black S-4XL, Yellow/Grey S-3XL, Yellow/Navy XS-5XL Red/Navy XS-3XL

- · Waterproof with taped seams preventing water penetration
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · Jacket can be worn five ways for multi use
- · Hook and loop cuffs for a secure fit
- · Contrast panels for protection against dirt











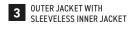


























EN 342

LINED

A

5x1

数 EN 342

LINED











S765 HI-VIS 5-IN-1 ESSENTIAL JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.352 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g Outer Jacket: 100% Polyester Mesh, 60g Inner Jacket: 100% Polyester Polar Fleece, 280g

☐☐☐ Solution Solutio

- · Waterproof with taped seams preventing water penetration
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 7 pockets for ample storage
- · Dual ID holder allows use of both portrait and landscape ID card display
- · Stud adjustable cuffs for a secure fit
- · Detachable inner jacket for added versatility in all weather conditions

























EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.352 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Outer Jacket: 100% Polyester Mesh, 60g Inner Jacket: 100% Polyester Polar Fleece, 280g Orange/Navy XS-5XL, Yellow/Black S-4XL, Yellow/Navy XS-5XL

- · Waterproof with taped seams preventing water
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · 7 pockets for ample storage
- · Stud adjustable cuffs for a secure fit
- · Contrast panels for protection against dirt













4-IN-1 WATERPROOF JACKET



LINED

DX466 DX4 HI-VIS 4-IN-1 JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X

WP 20,000MM, MVP 10,000G/M2/24HRS

Outer Jacket: Portwest Extreme 100% Polyester Stretch 2 Layer, 150D PU Transfer Membrane, 160g Inner Jacket: 100% Polyester Ripstop

Pongee, 90g Outer Jacket: 100% Polyester Mesh, 60g Inner Jacket: 100% Polyester Ripstop Pongee, 90g

100% Polyester, 220g

Orange/Black S-4XL, Yellow/Black S-4XL

- Premium waterproof and breathable fabric with mechanical stretch properties
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Jacket can be worn four ways for multi use
- · Detachable inner reversible jacket for added versatility
- · Internal pockets for safe storage
- · No shoulder seams for maximum waterproof protection



SEE PAGE 30, OR SCAN QR CODE TO VIEW THE FULL **DX4 COLLECTION** ONLINE





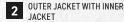














INNER JACKET



4 INNER JACKET REVERSED

























S468 HI-VIS 4-IN-1 TRAFFIC JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

Outer Garment: 100% Polyester 60g Inner Bodywarmer: 65% Polyester, 35% Cotton 190a

Inner Bodywarmer: 100% Polyester 200g

Orange XS-5XL, Yellow XS-5XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 8 pockets for ample storage
- · Internal chest pocket
- · Inner ribbed cuffs for warmth and comfort
- · Jacket can be worn four ways for multi use























S471 HI-VIS 4-IN-1 CONTRAST TRAFFIC **JACKET**

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15.000MM

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

Outer Jacket: 100% Polyester, 60g Inner Bodywarmer: 65% Polyester, 35% Cotton, 190g

Inner Bodywarmer: 100% Polyester 200g Orange/Navy S-3XL, Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Internal chest pocket
- · Silver reflective hood provides enhanced visibility
- · Inner ribbed cuffs for warmth and comfort
- · Contrast panels for protection against dirt

















3-IN-1 WATERPROOF JACKET



LINED

PW365 PW3 HI-VIS 3-IN-1 JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g

Inner Garment: 100% Polyester, knitted with brushed back, 300g

Orange/Black S-4XL, Yellow/Black S-5XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Hook and loop cuffs for a secure fit
- · Curved back hem for added protection
- · Contrast fleece collar for protection against dirt
- · Drawcord adjustable hem



GET THE COLLECTION











SEE PAGE 50 OR SCAN OR CODE TO VIEW THE FULL PW3 COLLECTION ONLINE





ORANGE/BLACK



2 OUTER JACKET



WITHINNER

3 INNER JACKET















BACK

EN 342

INSULATED









C469 HI-VIS 3-IN-1 CONTRAST WINTER **PRO JACKET**

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15.000MM EN 342 0.344 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU

Coated, 190a

100% Polyester, 60g

100% Polyester Fur Lining, 400g Sleeve: 100% Polyester Filling, 120g Orange/Black S-3XL, Yellow/Black S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C · Detachable sleeves, fur liner and fur collar provide
- multi-way options for the wearer
- · External tablet pocket for safe storage
- · Inner knitted cuff







15,000 MM













JACKET EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5.000MM

100% Polyester, 150D Oxford Weave, PVC Coated, 200g

100% Polyester Mesh, 60g

100% Polyester, Anti-Pill finish Fleece, 280g
Orange/Navy S-3XL, Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Detachable inner jacket for added versatility in all weather conditions
- · Pack away hood for added functionality
- · Stud adjustable cuffs for a secure fit
- · Contrast panels for protection against dirt











5,000 MM







DYNAMIC 4X STRETCH



COLLECTION

SEE PAGE 30, OR SCAN QR CODE TO VIEW THE FULL DX4 COLLECTION ONLINE























EN 342

INSULATED



WATERPROOF WINTER JACKET



Insulatex™Pro is our most advanced lightweight thermal lining with supreme warmth-to-weight ratio. Constructed using hollow fibre technology, this soft insulating fabric has millions of air pockets that trap air and body heat offering maximum protection in extreme cold and wet conditions. Providing superior lightweight comfort to the wearer without adding bulk.

DX430 DX4 HI-VIS CLASS 2 WINTER

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

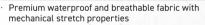
EN 343 CLASS 4:1 X

WP 20,000MM, MVP 10,000G/M2/24HRS

EN 342 0.334 (M2.K/W), 3, X

Portwest Extreme Waterproof: 100% Polyester Stretch, 150D, PU Membrane,

1009 100% Polyester Stretch 75D Pongee, 80g InsulatexPro: 100% Polyester, 160g Orange/Black S-4XL, Yellow/Black S-4XL



- Waterproof and breathable with taped seams to prevent water penetration
- InsulatexPro lining offers superior warmth without adding unnecessary weight
- No shoulder seams for maximum waterproof
- Chin guard with internal storm flap provides extra
- · Articulated darts for additional shaping

































Insulatex™Pro is our most advanced lightweight thermal lining with supreme warmth-to-weight ratio. Constructed using hollow fibre technology, this soft insulating fabric has millions of air pockets that trap air and body heat offering maximum protection in extreme cold and wet conditions. Providing superior lightweight comfort to the wearer without adding bulk.

DX461 DX4 HI-VIS WINTER JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:1 X

WP 20,000MM, MVP 10,000G/M2/24HRS EN 342 0.334 (M2.K/W), 3, X

Portwest Extreme Waterproof: 100% Polyester Stretch, 150D, PU Membrane, 160g 100% Polyester Stretch 75D Pongee, 80g InsulatexPro: 100% Polyester, 160g Orange/Black S-4XL, Yellow/Black S-4XL

- · Premium waterproof and breathable fabric with mechanical stretch properties
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- InsulatexPro lining offers superior warmth without adding unnecessary weight
- · Internal pockets for safe storage
- No shoulder seams for maximum waterproof protection
- Chin guard with internal storm flap provides extra comfort











































INSULATE

INSULATEX™

Insulatex heat reflective lining reflects heat back into the body ensuring maximum warmth and comfort

PW369 PW3 HI-VIS WINTER PARKA

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.356 (M2, K/W), 2, X **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU

Coated, 190g 100% Polyester, 60g 100% Polyester, 200g

Orange/Black S-4XL, Yellow/Black S-5XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Internal zipped pocket provides safe and secure
- · Detachable quilt lined hood with optional faux fur trim to suit all weather conditions
- · Quick dry knitted cuff for a snug and comfortable fit
- · Underarm pit zips for enhanced breathability





WINTER PARKA
JACKET

GET THE

COLLECTION

SEE PAGE 50,

OR SCAN QR CODE TO VIEW THE **FULL PW3 COLLECTION ONLINE**













INSULATEX













T400 PW3 HI-VIS WINTER JACKET

EN ISO 20471 CLASS 2 SIZE XS EN ISO 20471 CLASS 3 SIZE S UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.323 (M2.K/W), 2, X **ANSI/ISEA 107 TYPE R CLASS 3** ANSI/ISEA 107 TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange/Black XS-4XL, Orange/Grey S-3XL,
Orange/Navy S-4XL, Red/Black S-3XL, Yellow/Black XS-6XL, Yellow/Grey S-3XL, Yellow/Navy S-4XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
 • EN342 Protection against cold certified up to -40°C
- · Detachable ID pocket
- Quick dry knitted cuff for a snug and comfortable fit
- · Contrast fleece collar for protection against dirt











15.000 MM -18°C / 8 hr -36°C / 1 hr









GET THE

COLLECTION

SEE PAGE 50

OR SCAN QR CODE TO VIEW THE FULL PW3 COLLECTION ONLINE











ORANGE/NAVY



YELLOW/GREY



\$

ORANGE/BLACK



ORANGE/GREY



YELLOW/NAVY





















VERSATILE WORKWEAR

PW261 PW2 HI-VIS WINTER JACKET

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15.000MM EN 342 0.336 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU

DXTORd, Stain Resistant Finish, Double PU
Coated, 190g
190T: 100% Polyester, Taffeta, 52g
Body: 100% Polyester, 190g
Sleeves: 100% Polyester, 120g
Orange/Black S-4XL, Yellow/Black S-4XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- 2 side zip pockets for secure storage
- · Non-magnetic nickel and ferrous free
- · Anti-scratch design with no exposed metal parts
- · Ideal for corporate wear and custom finishes













-18°C / 8 hr -36°C / 1 hr























\$ EN 342

INSULATED

CONTRAST WINTER JACKET

S466 HI-VIS CONTRAST WINTER TRAFFIC JACKET

EN ISO 20471 CLASS 3

EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.345 (M2.K/W), 2, X ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Yellow/Navy XS-6XL, Yellow/Black XS-3XL, Yellow/Green S-3XL, Yellow/Grey S-3XL, Yellow/Royal XS-4XL

Red/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · Internal pocket for safe storage













S467 HI-VIS CONTRAST WINTER TRAFFIC JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.345 (M2.K/W), 2, X **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU

Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange/Navy XS-5XL, Orange/Black S-3XL,
Orange/Grey S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · Internal chest pocket
- · Inner ribbed cuffs for warmth and comfort
- Fully lined and padded to trap the heat and increase warmth















S460 HI-VIS WINTER TRAFFIC JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.345 (M2,K/W), 2, X **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange XS-6XL, Yellow XXS-8XL













S461 / RT34 HI-VIS BREATHABLE WINTER TRAFFIC JACKET

EN ISO 20471 CLASS 3 RT34: RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:2 X WP 10,000MM, MVP 10,000G/M²/24HRS EN 342 0.345 (M2.K/W), 2, X

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g
100% Polyester, 170g
100% S-3XL RT34: Orange S-XXL









\bigcirc	10,000 MM
≗	10,000 MVP
*	-18ºC / 8 hr -36ºC / 1 hr



RT30 HI-VIS WINTER TRAFFIC JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15.000MM EN 342 0.345 (M2.K/W), 2, X **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g Orange XS-5XL



























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EN 342

INSULATED

WINTER JACKET

EC60 EC0 HI-VIS WINTER JACKET

EN ISO 20471 CLASS 3 EN 343 CLASS 3:1 X WP 15,000MM RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

300D ECO: 100% Recycled Polyester, 300D Oxford Weave, Stain Resistant finish, Double PU Coated,

100% Recycled Polyester, 52g Body: 100% Recycled Polyester, 190g Sleeves: 100% Recycled Polyester, 120g

Orange S-4XL, Yellow S-4XL

· Eco-conscious certified recycled fabric









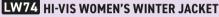




MADE FOR WOMEN



PLANET



EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:1 X WP 15,000MM EN 342 0.345 (M2.K/W), 2, X

ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange XS-3XL, Yellow XS-3XL

- · EN342 Protection against cold certified up to -40°C
- · Zipped pockets
- · Quilt lined for thermal insulation
- · Curved back hem for added protection















S462 HI-VIS CONTRAST WINTER CLASSIC JACKET

EN ISO 20471 CLASS 3

EN 343 CLASS 3:1 X WP 15.000MM EN 342 0.345 (M².K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Yellow S-3XL

- EN342 Protection against cold certified up to -40°C
- · Hook and loop cuffs for a secure fit
- · Internal chest pocket
- · Contrast panels for protection against dirt





















PW SHELL RAIN WOMEN'S JACKET

PW389 PW3 HI-VIS WOMEN'S RAIN JACKET

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/M2/24HRS ANSI/ISEA 107 TYPE R CLASS 2 **ANSI/ISEA 107 TYPE P CLASS 2**

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester Mesh, 60g Orange/Black XS-XXL, Yellow/Black

- · Waterproof and breathable with taped seams to prevent water penetration
- Internal pocket for safe storage
- · Quick dry knitted cuff for a snug and comfortable fit
- Underarm pit zips for enhanced breathability
- · Waterproof zips to prevent water penetration
- Reflective trim for increased visibility and



GET THE COLLECTION

SEE PAGE 50 OR SCAN OR CODE TO VIEW THE FULL PW3 **COLLECTION ONLINE**





































LINED

√ NEW



PLANET

CD860 WX2 ECO HI-VIS RAIN JACKET

EN ISO 20471 CLASS 2 FOR SIZE S EN ISO 20471 CLASS 3 FOR SIZE M UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM

300D ECO: 100% Recycled Polyester, 300D Oxford Weave, Stain Resistant finish, Double PU Coated, 190g

190T: 100% Polyester, Taffeta, 52g
Orange/Black S-3XL, Yellow/Black S-3XL

- · Eco-conscious certified recycled fabric
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Made using recycled polyester
- · Waterproof with taped seams preventing water penetration
- · Drawcord hood and hem for a secure and comfortable fit
- · Pack away hood for added functionality













PW265 PW2 HI-VIS RAIN JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Main body and hood lining: 100% polyester Mesh, 80gm Sleeve lining: 100% Polyester, 52gm Inner collar lining: 100% polyester Mirco Fleece, 280gm

Orange/Black S-4XL, Yellow/Black S-4XL

- · Waterproof with taped seams preventing water penetration
- · Detachable hood
- · Non-magnetic nickel and ferrous free
- · Anti-scratch design with no exposed metal parts
- · 3 pockets for ample storage
- · Side zip pockets



























WATERPROOF **JACKET**

RT63 HI-VIS BREATHABLE INTERACTIVE **RAIN TRAFFIC JACKET**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 10,000MM MVP 10,000G/

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g 100% Polyester Mesh, 60g Orange S-3XL

· Waterproof and breathable with taped seams to prevent water penetration













RT60 HI-VIS BREATHABLE RAIN TRAFFIC

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/ M²/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g Stain Resistant 1 mis., 100% Polyester Mesh, 60g Orange S-3XL, Yellow S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Internal chest pocket
- · Inner knitted cuff











S160 HI-VIS RAIN LITE TRAFFIC JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5.000MM **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

100% Polyester, 150D Oxford Weave, PVC Coated, 200g

100% Polyester Mesh, 60g Orange S-3XL, Yellow XS-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Pack away hood for added functionality
- Stud adjustable cuffs for a secure fit

















LINED



































S760 HI-VIS BREATHABLE CONTRAST RAIN

WATERPROOF

EN ISO 20471 CLASS 3

EN 343 CLASS 4:3 X WP 10,000MM MVP 10,000G/

JACKET

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g Body: 100% Polyester Mesh, 60g Sleeve: 100%

Polyester, 60g Yellow/Navy XS-4XL

· Waterproof and breathable with taped seams to prevent water penetration













S166 HI-VIS CONTRAST RAIN LITE TRAFFIC

EN ISO 20471 CLASS 3

EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, 150D Oxford Weave, PVC Coated, 200g

100% Polyester Mesh, 60g Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Pack away hood for added functionality
- · Stud adjustable cuffs for a secure fit



















LW70 HI-VIS WOMEN'S BREATHABLE RAIN

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/ M²/24HRS

ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g 100% Polyester Mesh, 60g

Yellow XS-3XL

· Waterproof and breathable with taped seams to prevent water penetration











3-IN-1 WINTER **BOMBER JACKET**







C467 HI-VIS 3-IN-1 BOMBER JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.344 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g 100% Polyester, 60g

100% Polyester Fur Lining, 400g Sleeve: 100% Polyester Filling, 120g Orange XS-3XL, Yellow S-3XL

- · EN342 Protection against cold certified up to -40°C
- · 8 pockets for ample storage
- · Ribbed cuffs for added comfort
- · Detachable sleeves, fur liner and fur collar provide multi-way options for the wearer







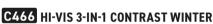












BOMBER JACKET EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.344 (M2.K/W), 2, X **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester Fur Lining, 400g

Sleeve: 100% Polyester Filling 120g Orange/Black XS-4XL, Yellow/Black XS-4XL, Yellow/Navy S-3XL

- · EN342 Protection against cold certified up to -40°C
- · Detachable sleeves, fur liner and fur collar provide multi-way options for the wearer
- · Zipped pockets
- · Hook and loop cuffs for a secure fit













EN 342

INSULATED











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3-IN-1 WINTER **BOMBER JACKET**

















EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.344 (M2.K/W), 2, X

ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g

100% Polyester, cog 100% Polyester Fur Lining, 400g Sleeve: 100% Polyester 120g

Orange/Navy XS-5XL, Yellow/Black S-3XL, Yellow/Grey S-3XL, Yellow/Navy XS-6XL

Red/Navy S-3XL

















EN ISO 20471 CLASS 3

EN 343 CLASS 3:1 X WP 15,000MM

EN 342 0.344 (M2.K/W), 2, X

ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g

100% Polyester, oog 100% Polyester Fur Lining, 400g

Sleeve: 100% Polyester 120g Yellow/Navy S-4XL





-18°C / 8 hr -36°C / 1 hr







S365 HI-VIS 3-IN-1 CONTRAST PREMIUM **BOMBER JACKET**

EN ISO 20471 CLASS 3

EN 343 CLASS 3:1 X WP 15,000MM

ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g

100% Polyester, knitted with brushed back, 300g Yellow/Black S-5XL

































INNER 3 JACKET











C468 HI-VIS 2-IN-1 CONTRAST BOMBER **JACKET**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.336 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g Orange XS-4XL, Yellow S-4XL

- Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- EN342 Protection against cold certified up to -40°C
- Fully lined and padded to trap the heat and increase warmth















C464 HI-VIS 2-IN-1 CONTRAST **ESSENTIAL LITE BOMBER JACKET**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5.000MM EN 342 0.336 (M2.K/W), 2, X

100% Polyester, 150D Oxford Weave, PVC Coated, 200g

100% Polyester filece, 300g
Sleeve: 100% Polyester filling 120g Orange/Navy S-3XL, Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- EN342 Protection against cold certified up to -40°C
- Fully lined and padded to trap the heat and increase warmth



EN 342

INSULATED













WINTER BOMBER **JACKET**

GARMENT BENEFITS

- Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · Internal chest pocket















S463 HI-VIS WINTER BOMBER JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM

EN 342 0.336 (M2.K/W), 2, X

ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange XS-6XL, Yellow XXS-8XL Red S-3XL

- · Fleece lined collar to trap the heat and increase warmth
- · Hook and loop cuffs for a secure fit





RT32 HI-VIS WINTER BOMBER JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM

EN 342 0.336 (M2.K/W), 2, X

ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain

Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange XS-5XL







S266 HI-VIS CONTRAST WINTER BOMBER JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM

EN 342 0.336 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain

Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange/Navy S-3XL, Yellow/Navy XS-3XL

- · Inner ribbed cuffs for warmth and comfort
- · Fully lined and padded to trap the heat and increase warmth





















HI-VIS BOMBER JACKET

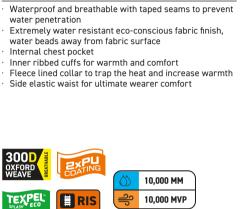
RT62 HI-VIS BREATHABLE RAIN BOMBER **JACKET**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 10,000MM MVP 10,000G/M²/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g 100% Polyester Mesh, 60g

Orange S-3XL

- water penetration
- water beads away from fabric surface











S161 HI-VIS RAIN LITE BOMBER JACKET

EN ISO 20471 CLASS 3

EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, 150D Oxford Weave, PVC Coated, 200g 100% Polyester Mesh, 60g

Yellow S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Side access pockets
- · Pack away hood for added functionality
- · Hook and loop cuffs for a secure fit
- · Contrast fleece collar for protection against dirt















INSULATED

S469 HI-VIS REVERSIBLE **BODYWARMER**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2**

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU

INSULATED

BODYWARMER

Coated, 190g

65% Polyester, 35% Cotton, 260g

Orange S-5XL, Yellow XS-5XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Quilt lined for thermal insulation
- · 4 pockets for ample storage
- · Reversible garment for multi use
- · Interactive inner garment
- · Certified to EN ISO 20471 after 50x washes



















S267 HI-VIS CONTRAST BODYWARMER

EN ISO 20471 CLASS 2

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g 100% Polyester, 60g 100% Polyester, 160g

Yellow/Navy S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Lined for added warmth and comfort
- · Internal chest pocket
- · Zipped pockets
- · Dual ID holder allows use of both portrait and landscape ID card display
- · Certified to EN ISO 20471 after 50x washes













WINTER TROUSERS AND COVERALL



INSULATED





PW351 PW3 HI-VIS WINTER TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.356 (M2.K/W), 2, X ANSI/ISEA 107 SUPPLEMENTAL CLASS &

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish,

Double PU Coated, 190g 100% Polyester, 60g 100% Polyester, 160g

Orange/Black S-4XL, Yellow/Black S-5XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 16 pockets for ample storage
- · Detachable bib and braces for greater versatility

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.344 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 200g

Orange/Black S-3XL, Yellow/Black S-3XL

- Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- EN342 Protection against cold certified up to -40°C
- · Front zip opening for easy access



































S489 HI-VIS CONTRAST WINTER BIB AND BRACE

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.341 (M2,K/W), 2, X

ANSI/ISEA 107 SUPPLEMENTAL CLASS E

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish,

Double PU Coated, 190g 100% Polyester, 60g 100% Polyester, 170g

Orange S-3XL, Yellow XS-4XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · Multiple utility pockets providing ample storage

S485 HI-VIS CONTRAST WINTER COVERALL

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.341 (M2,K/W), 2, X

ANSI/ISEA 107 TYPE R CLASS 3 TYPE P CLASS 3

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish,

Double PU Coated, 190g 100% Polyester, 60g 100% Polyester, 170g

Orange/Navy S-6XL, Yellow/Black S-7XL, Yellow/Navy XS-6XL

- Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- EN342 Protection against cold certified up to -40°C
- · Inner ribbed cuffs for warmth and comfort





















RAIN TROUSERS AND COVERALL



PW356 PW3 HI-VIS RAIN TROUSERS

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM MVP 10,000G/M2/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester Mesh, 60g

Orange/Black S-3XL, Yellow/Black S-3XL

- · Waterproof with taped seams preventing water penetration
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 16 pockets for ample storage
- · Detachable bib and braces for greater versatility
- Zip off holster pockets for added versatility
- · Side zip leg opening for easy access













PW355 PW3 HI-VIS RAIN COVERALL

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM MVP 10,000G/M2/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant

Finish, Double PU Coated, 190g

Body: 100% Polyester Mesh, 60g Sleeves: 100% Polyester Taffeta, 52g

Orange/Black S-3XL, Yellow/Black S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Front zip opening for easy access
- · Underarm pit zips for enhanced breathability





















BREATHABLE RAIN PROTECTION





EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/M2/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

▼ Orange S-3XL, Yellow S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Back patch pocket
- · Double rule pocket
- · Elasticated back panel
- · Adjustable straps for a secure fit











S488 HI-VIS BREATHABLE CONTRAST RAIN BIB AND BRACE

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/M²/24HRS

ANSI/ISEA 107 SUPPLEMENTAL CLASS E

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish,

Double PU Coated, 190g

Orange/Navy S-4XL, Yellow/Black S-5XL, Yellow/Navy XS-5XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Back patch pocket
- Double rule pocket
- · Elasticated back panel
- · Adjustable side opening for added flexibility











WATERPROOF TROUSERS



PW342 PW3 HI-VIS EXTREME RAIN TROUSERS

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 4:3 X WP 11,000MM, MVP 50,000 G/M2/24HRS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION

ANSI/ISEA 107 SUPPLEMENTAL CLASS E

Portwest Extreme: 100% Polyester, 300D Stretch Oxford, stain resistant finish, PU Membrane, 200g

Orange/Black S-XXL, Yellow/Black S-3XL

- Waterproof and breathable with taped seams to prevent water penetration
- Premium stain resistant finish repels oil, water and grime
- 8 pockets for ample storage
- · High cut padded back waistband keeps lower back warm



PW386 PW3 HI-VIS WOMEN'S RAIN TROUSERS

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 3:1 X

ANSI/ISEA 107 SUPPLEMENTAL CLASS E

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Orange/Black XS-XXL, Yellow/Black XS-XXL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Multiple side zip compartments for secure storage
- Rule pocket
- Contrast panels for protection against dirt
- Side zip leg opening for easy access































WATERPROOF TROUSERS





EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 3:1 X WP 15,000MM

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

Orange S-3XL

- · Waterproof with taped seams preventing water
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Quick and easy side access
- · Zipped ankles for easy fitting over work boots





EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/ M²/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190a

Orange XS-5XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Quick and easy side access
- · Zipped ankles for easy fitting over work boots



EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/ M²/24HRS

300D Breathable: 100% Polvester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g Orange S-XXL, Yellow XS-3XL

- Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric
- finish, water beads away from fabric surface
- Quick and easy side access
- Zipped ankles for easy fitting over work boots



































WATERPROOF TROUSERS





EN ISO 20471 CLASS 1 EN 343 CLASS 3:1 X WP 15,000MM ANSI/ISEA 107 SUPPLEMENTAL CLASS E

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Orange XS-3XL, Yellow XS-6XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Quick and easy side access
- · Stud adjustable hems for a secure fit
- · Fully elasticated waistband for ultimate wearer comfort
- · Reflective tape for increased visibility



S598 HI-VIS WINTER TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.330 (M².K/W), 2, X ANSI/ISEA 105: 2016 SUPPLEMENTAL CLASS E

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

Orange/Navy S-3XL, Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Two side pass through pockets
- · Zipped ankles for easy fitting over work boots
- · Fully lined and padded to trap the heat and increase warmth
- Contrast panels for protection against dirt

























RAINWEAR ESSENTIALS

H443 HI-VIS CONTRAST CLASSIC RAIN JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5,000MM **ANSI/ISEA 107 TYPE R CLASS 3** ANSI/ISEA 107 TYPE P CLASS 3 AS/NZS 4602.1 CLASS D/N

190T: 100% Polyester, Plain Weave, PVC

coated, 200g

Yoke Only: 100% Polyester Mesh, 60g

Orange/Navy S-3XL, Yellow/Black S-5XL, Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 2 pockets for secure storage
- · Drawcord hood and hem for a secure and comfortable fit
- · Inner elasticated cuff
- · Vented back yoke and eyelets for added breathability and comfort













EN ISO 20471 CLASS 1 EN 343 CLASS 3:1 X WP 5,000MM **ANSI/ISEA 107 SUPPLEMENTAL CLASS E** AS/NZS 1906.4

190T: 100% Polyester, Plain Weave, PVC coated, 200g

Orange/Navy S-3XL, Yellow/Black S-6XL, Yellow/Navy S-3XL

- · Waterproof with taped seams preventing water
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Fully elasticated waistband for ultimate wearer comfort
- · Stud adjustable hems for a secure fit
- · Twin-stitched seams for extra durability
- · Contrast panels for protection against dirt











RAINWEAR ESSENTIALS



H448 HI-VIS PACKAWAY RAIN SUIT

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5,000MM

190T: 100% Polyester, Plain Weave, PVC coated, 200g

Jacket Yoke Only: 100% Polyester Mesh, 60g

☐☐☐X Orange S-4XL, Yellow S-4XL





EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5,000MM ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

190T: 100% Polyester, Plain Weave, PVC coated, 200g

COATEG, ZUUG

Yoke Only: 100% Polyester Mesh, 60g

Orange XS-6XL, Yellow XS-6XL



H441 HI-VIS RAIN TROUSERS

EN ISO 20471 CLASS 1 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 5.000MM **ANSI/ISEA 107 SUPPLEMENTAL CLASS E**

190T: 100% Polyester, Plain Weave, PVC coated, 200g

Orange XS-5XL, Yellow XS-6XL





















EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 3:1 X WP 5,000MM

190T: 100% Polyester, Plain Weave, PVC coated, 200g Yoke Only: 100% Polyester Mesh, 60g Orange S-4XL, Yellow S-4XL

- · Waterproof with taped seams preventing water penetration
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Extra protection against the cold with an extended 100cm back
- · Drawcord hood and hem for a secure and comfortable fit

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 3:1 X WP 5,000MM

ANSI/ISEA 107 TYPE R CLASS 3 / TYPE P CLASS 3

190T: 100% Polyester, Plain Weave, PVC coated, 200g Yoke Only: 100% Polyester Mesh, 60g

Orange S-3XL, Yellow S-5XL

- Waterproof with taped seams preventing water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Extra protection against the rain with a longer 122cm length
- · Drawcord hood and hem for a secure and comfortable fit



























S490 SEALTEX ULTRA HI-VIS WINTER JACKET

EN ISO 20471 CLASS 3 EN 343 CLASS 3:1 X WP 5,000MM **ANSI/ISEA 107 TYPE R CLASS 3** ANSI/ISEA 107 TYPE P CLASS 3

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g

100% Polyester, 60g

Body: 100% Polyester, 170g Sleeve: 100%

Polyester, 100g Yellow S-3XL Orange S-3XL

- · Waterproof with welded seams to prevent water penetration
- Breathable and windproof fabric with mechanical stretch properties
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- 3 pockets for ample storage
- · Pack away hood for added functionality
- · Inner ribbed cuffs for warmth and comfort



INSULATED







5,000 MM

S491 SEALTEX ULTRA HI-VIS RAIN

EN ISO 20471 CLASS 3

EN 343 CLASS 3:2 X WP 5,000MM MVP 3,000G/ M²/24HRS

ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g Yellow XS-5XL

- Waterproof with welded seams to prevent water penetration
- Breathable and windproof fabric with mechanical stretch properties
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- 2 pockets for secure storage
- · Pack away hood for added functionality
- · Stud adjustable cuffs for a secure fit



















RT50 SEALTEX ULTRA HI-VIS RAIN JACKET

EN ISO 20471 CLASS 3

EN 343 CLASS 3:2 X WP 5,000MM, MVP 3,000G/ M²/24HRS

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g

Orange XS-3XL

- · Waterproof with welded seams to prevent water penetration
- Breathable and windproof fabric with mechanical stretch properties
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 2 pockets for secure storage
- · Pack away hood for added functionality
- · Stud adjustable cuffs for a secure fit













EN ISO 20471 CLASS 3

EN 343 CLASS 3:2 X WP 5,000MM, MVP 3,000G/ M²/24HRS

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g

Yellow/Navy S-XXL

- · Waterproof with welded seams to prevent water penetration
- · Breathable and windproof fabric with mechanical stretch properties
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · 2 pockets for secure storage
- · Pack away hood for added functionality
- · Stud adjustable cuffs for a secure fit



















RAIN TROUSERS





S493 SEALTEX ULTRA HI-VIS RAIN TROUSERS

EN ISO 20471 CLASS 1 EN 343 CLASS 3:2 X WP 5,000MM MVP 3,000G/M²/24HRS ANSI/ISEA 107 SUPPLEMENTAL CLASS E

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g

- \cdot Waterproof with welded seams to prevent water penetration
- · Breathable and windproof fabric with mechanical stretch properties
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Fully elasticated waistband for ultimate wearer comfort
- · Stud adjustable hems for a secure fit
- · Heat applied reflective tape for added visibility



RT51 SEALTEX ULTRA HI-VIS RAIN TROUSERS

EN ISO 20471 CLASS 2

EN 343 CLASS 3:2 X WP 5,000MM, MVP 3,000G/M²/24HRS

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g

- · Waterproof with welded seams to prevent water penetration
- · Breathable and windproof fabric with mechanical stretch properties
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- $\cdot\;$ Fully elasticated waistband for ultimate wearer comfort
- · Stud adjustable hems for a secure fit
- · Heat applied reflective tape for added visibility



























BAND BRACE AND COVERALL





S497 SEALTEX ULTRA HI-VIS RAIN BIB AND BRACE

EN ISO 20471 CLASS 2

EN 343 CLASS 3:2 X WP 5,000MM, MVP 3,000G/M2/24HRS

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g

- · Waterproof with welded seams to prevent water penetration
- · Breathable and windproof fabric with mechanical stretch properties
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Concealed chest pocket
- · Stud adjustable hems for a secure fit
- · Adjustable straps with durable buckle closure

S495 SEALTEX ULTRA HI-VIS RAIN COVERALL

EN ISO 20471 CLASS 3

EN 343 CLASS 3:2 X WP 5,000MM, MVP 3,000G/M2/24HRS

Sealtex Ultra: 100% Polyester, Tricot Knit, PU Coated, 185g Orange S-3XL

- · Waterproof with welded seams to prevent water penetration
- Breathable and windproof fabric with mechanical stretch properties
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Quick and easy side access
- Pack away hood for added functionality
- Stud adjustable cuffs for a secure fit























T402 PW3 HI-VIS SOFTSHELL (3L)

EN ISO 20471 CLASS 2 : SIZE XS

EN ISO 20471 CLASS 3: SIZE S UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 : SIZE XS /

TYPE R CLASS 3 : SIZE S UPWARDS WATERPROOF / BREATHABILITY

WP 8,000MM, MVP 3,000G/M²/24HR

94% Polyester, 6% Elastane laminated to 100% Polvester Micro Fleece, 310a

Orange/Black, Orange/Grey, Orange/Navy, Yellow/Black, Yellow/Grey, Yellow/Navy, Red/ Black

- · Durable, breathable, windproof and water resistant fabric
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · Side zip pockets











OFTSHELL

PW381 PW3 HI-VIS WOMEN'S SOFTSHELL (3L)

EN ISO 20471 CLASS

WATERPROOF / BREATHABILITY

8,000MM, MVP 3,000G/M²/24HR **ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2**

94% Polvester, 6% Elastane laminated to 100% Polyester Micro Fleece, 310g

Yellow/Black XS-XXL

- $\cdot\,$ Durable, breathable, windproof and water resistant fabric
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Heat applied segmented reflective tape for added visibility
- · Side zip pockets









PW375 PW3 HI-VIS CLASS 1 SOFTSHELL (3L)

EN ISO 20471 CLASS 1

WATERPROOF / BREATHABILITY -

WP 8,000MM, MVP 3,000G/M²/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece, 310g ■ Black/Orange S-4XL, Black/Yellow XS-4XL

- Durable, breathable, windproof and water resistant fabric
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · Side zip pockets
- · Concealed phone pocket





























S428 HI-VIS 2-IN-1 SOFTSHELL (3L)

EN ISO 20471 CLASS 2 (BODYWARMER) EN ISO 20471 CLASS 3 (FULL JACKET) RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 (BODYWARMER) ANSI/ISEA 107 TYPE R CLASS 3 (FULL JACKET) WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece,

Orange XS-4XL, Yellow XS-4XL



S424 HI-VIS CLASSIC SOFTSHELL (3L)

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) WATERPROOF / BREATHABILITY WP 8,000MM, MVP 3,000G/M²/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece, 310g

Orange S-3XL, Yellow S-3XL

















S425 HI-VIS CONTRAST SOFTSHELL (3L)

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) WATERPROOF / BREATHABILITY -WP 8,000MM, MVP 3,000G/M²/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece,

Orange/Navy S-3XL, Yellow/Navy S-5XL



S429 HI-VIS CONTRAST SOFTSHELL (3L)

EN ISO 20471 CLASS 3 **ANSI/ISEA 107 TYPE R CLASS 3** WATERPROOF / BREATHABILITY -WP 8,000MM, MVP 3,000G/M²/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece, 310q

Yellow S-3XL















SOFTSHELL (2L)



CD875 WX2 ECO HI-VIS SOFTSHELL (2L)

EN ISO 20471 CLASS 2 FOR SIZE S **EN ISO 20471 CLASS 3 FOR SIZE M UPWARDS** RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% GRS Polyester 2L Softshell bonded to 100% GRS Polyester Micro Polar Fleece, 280g

Kingsmill Polyester Stretch: 93% Polyester, 7% Elastane, 270g

Orange/Black S-3XL, Yellow/Black S-3XL

- · Eco-conscious certified recycled fabric
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Durable, breathable, windproof and water resistant fabric
- · Ideal for corporate wear and custom finishes











√ NEW





EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 280g Orange/Black S-4XL, Yellow/Black S-4XL

- · Durable, breathable, windproof and water resistant fabric
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Non-magnetic nickel and ferrous free
- · Anti-scratch design with no exposed metal parts











EC24 ECO HI-VIS SOFTSHELL (2L)

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% GRS Polyester 2L Softshell bonded to 100% GRS Polyester Micro Polar Fleece, 440g ▼ Orange S-4XL, Yellow S-4XL

- · Durable, breathable, windproof and water resistant fabric
- · Eco-conscious certified recycled fabric
- 5 pockets for ample storage
- Concealed mobile phone pocket







BAFFLE AND BODYWARMER INSULATED

DX473 DX4 HI-VIS HYBRID BAFFLE **JACKET**

EN ISO 20471 CLASS 2 SIZES S-M EN ISO 20471 CLASS 3 SIZE L UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Ripstop, 85g 100% Polyester Knit bonded to 100% Polyester Fleece, 2 Layer, 330g

Insulatex Lining, 120g

Orange/Black S-4XL, Yellow/Black S-4XL

- Body-mapped design helps balance insulation and increase freedom of movement
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 6 pockets for ample storage
- Zipped chest pockets
- Side zip pockets

Internal pockets for safe storage











EN ISO 20471 CLASS 1 SIZE: S EN ISO 20471 CLASS 2 SIZE: M-4XL RIS 3279 TOM ISSUE 2 (ORANGE ONLY) SIZE: M **UPWARDS**

100% Polyester Ripstop, 85g 100% Polyester Knit bonded to 100% Polyester Fleece, 2 Layer, 330g 100% Polyester Mesh, 165g

Insulatex Lining, 120g

Orange/Black S-4XL, Yellow/Black S-4XL

- Body-mapped design helps balance insulation and increase freedom of movement
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- Heat applied segmented reflective tape for added
- Inner soft Insulatex™ lining traps heat fast keeping the wearer warm and protected from the elements
- · Chin guard for added comfort and stability
- · Zipped chest pocket



























INSULATED



BAFFLE, GILET, BODYWARMER

PW371 PW3 HI-VIS BAFFLE JACKET

EN ISO 20471 CLASS 2 SIZE'S EN ISO 20471 CLASS 3 SIZE M UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Ripstop, 85g

94% Polyester, 6% Elastane laminated to 100%

Polyester Micro Fleece, 310g 100% Polyamide, 190g YYYYYY 100% Polyester Wadding, 170g

Orange/Black S-5XL, Yellow/Black S-5XL

· Premium stain resistant finish repels oil, water and grime

- Inner soft Insulatex lining offering warmth and comfort
 Lightweight flexible HiVisTex Pro segmented reflective tape for
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · Side zip pockets









EN ISO 20471 CLASS 1 : SIZE S-M EN ISO 20471 CLASS 2 : SIZE L-3XL

RIS 3279 TOM ISSUE 2 (ORANGE ONLY): SIZE L-3XL ANSI/ISEA 107 TYPE 0 CLASS 1: SIZES S-M ANSI/ISEA 107 TYPE R CLASS 2: SIZES L UPWARDS

Titanmill Plus: 65% Polyester, 35% Cotton, 245g

100% Polyester, 300g
Orange/Black S-3XL, Yellow/Black S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · Heavyweight quilt lining for maximum thermal insulation
- 6 pockets for ample storage
- · Reversible garment for multi use
- · D-ring for keys or ID cards







PW325 HI-VIS SOFTSHELL GILET (3L)

EN ISO 20471 CLASS 1 SIZE: S

EN ISO 20471 CLASS 2 SIZE: M UPWARDS

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) SIZE: M UPWARDS

WATERPROOF / BREATHABILITY WP 8,000MM,

MVP 3,000G/M²/24HR

94% Polyester, 6% Elastane 160g laminated to 100% Polyester Micro Polar Fleece 150g, 310g

Orange/Black S-4XL, Yellow/Black S-4XL

- · Durable, breathable, windproof and water resistant fabric
- · Durable water repellent fabric
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 4 pockets for ample storage













HEATED TUNNEL JACKET





INNOVATIVE HEAT **TECHNOLOGY**

Heated jackets are constructed using innovative carbon fibre technology, featuring three panels on critical points of the body.

Each jacket includes a 10,000MA USB rechargeable battery that powers the heat technology (3-4 hours charging required). The built-in controls allow the wearer to switch between three settings of heat; high, medium, low.

The heated panels will give temperatures between 25-45°C and can last up to 10 hours, depending on setting.

S548 HI-VIS ULTRASONIC HEATED **TUNNEL JACKET**

EN ISO 20471 CLASS 2: SIZE S EN ISO 20471 CLASS 3: SIZE M UPWARDS

100% Polyester Pongee Ripstop with TPU Membrane bonded to 100% Polyester Tricot Knit. 150a

100% Polyester Taffeta, 55g 100% Polyester, 260g Yellow/Black S-3XL

- · Premium water resistant fabric
- Heat sealed seams for increased water and wind resistance
- Battery powered carbon fibre heated panels bring extra warmth to the wearer
- · Elasticated cuffs for a secure fit
- Drawcord adjustable hem
- · Premium stain resistant finish repels oil, water and





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PW302 PW3 HI-VIS 3-IN-1 PILOT JACKET

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 55% Cotton, 45% Polyester, 240g 100% Polyester, 60g

Inner Garment: 100% Polyester, 280g 100% Polyester Wadding, 120g

Orange/Black S-3XL, Yellow/Black S-3XL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Interactive inner bodywarmer
- · 6 pockets for ample storage
- · Fully elasticated waistband for ultimate wearer comfort















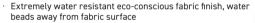
EN ISO 20471 CLASS 3

ANSI/ISEA 107 TYPE R CLASS 3

EN 342 THERMAL INSULATION 0.331 (M2 K/W) CLASS 2

Kingsmill Polycotton: 55% Cotton, 45% Polyester, 240g
100% Polyester Fur Lining, 460g
100% Polyester, 60g
Sleeve: 100% Polyester Filling, 120g

Orange/Navy S-4XL, Yellow/Black S-3XL, Yellow/Navy S-5XL



- Detachable sleeves, fur liner and fur collar provide multi-way options for the wearer
- 7 pockets for ample storage
- · Knitted cuffs and hem













REVERSIBLE JACKET **EN ISO 20471** CLASS 1

300D Breathable: 100% Polyester 300D Oxford, Stain

Resistant Finish, Double PU Coated, 190g Body: 100% Polyester Peach Finish, 100g

Sleeve: 100% Polyester, 60g

Body: 100% Polyester, 160g Sleeve: 100% Polyester, 80g

Orange/Navy S-XXL, Yellow/Navy XS-4XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Taped seams to provide additional protection
- · ID card holder for ID card display
- · Ribbed cuffs for added comfort

















730g

3x1

\$ EN 342





HOODED

PW335 HI-VIS TECHNICAL FLEECE EN SO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, knitted with brushed back, 380g

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Polar Fleece, 310g
Orange/Black S-5XL, Yellow/Black

- Knitted fabric with brushed backing
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 3 pockets for ample storage
- Two lower pockets
- · Zipped chest pocket
- · Grown on hood is stylish and practical



GET THE COLLECTION













SEE PAGE 50 OR SCAN QR CODE TO VIEW THE FULL PW3 COLLECTION ONLINE



















√ NEW



√ NEW



PW274 PW2 HI-VIS FLEECE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Anti-Pill finish Fleece, 250g 100% Polyester Mesh, 80g 0range/Black S-4XL, Yellow/Black S-4XL

- Anti-pill durable fleece fabric
- · Non-magnetic nickel and ferrous free
- Anti-scratch design with no exposed metal parts
 Internal pockets for safe storage
- · Drawcord adjustable hem
- · Internal phone pocket







PW231 PW2 HI-VIS FLEECE BODYWARMER

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Anti-Pill finish Fleece, 250g
Back body lining: 100% polyester Mesh,
80gm Front body lining: 100% Polyester, 60gm

Orange/Black S-4XL, Yellow/Black S-4XL

- · Anti-pill durable fleece fabric
- · Non-magnetic nickel and ferrous free
- · Anti-scratch design with no exposed metal parts
- · 3 pockets for ample storage
- · Two lower pockets
- · Internal phone pocket







FLEECE

PLANET

EC70 EC0 HI-VIS FLEECE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Recycled Polyester, Anti Pill finish Fleece, 270g

Orange S-4XL, Yellow S-4XL

- Eco-conscious certified recycled fabric
- · Anti-pill durable fleece fabric
- Reflective tape for increased visibility
- · Internal phone pocket







F300 HI-VIS FLEECE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14058 CLASS 1 **ANSI/ISEA 107 TYPE R CLASS 3** AS/NZS 4602.1 CLASS D/N

100% Polyester, Anti-Pill finish Fleece, 300g Body: 100% Polyester Mesh, 60gm Sleeve/ Pocket Lining: 100% Polyester Taffeta, 60gm

Orange XS-5XL, Yellow XS-5XL

- · Anti-pill durable fleece fabric
- Reflective tape for increased visibility
- 3 pockets for ample storage
- Interactive zip for added functionality









EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14058 CLASS 1 ANSI/ISEA 107 TYPE R CLASS 3 AS/NZS 4602.1 CLASS D/N



100% Polyester, Anti-Pill finish Fleece, 300g Body: 100% Polyester Mesh, 60gm Sleeve/ Pocket Lining: 100% Polyester Taffeta, 60gm

Orange/Navy XS-5XL, Yellow/Navy XS-5XL

- · Anti-pill durable fleece fabric
- · Reflective tape for increased visibility
- · 3 pockets for ample storage
- · Front zip opening for easy access



















FLEECE



F303 HI-VIS WINDBREAKER FLEECE

EN ISO 20471 CLASS 2 FOR SIZE S

EN ISO 20471 CLASS 3 FOR SIZE M UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

WATERPROOF / BREATHABILITY WP 8.000MM, MVP 3.000G/M²/24HR

100% Polyester Micro Fleece TPU 8000/3000 Membrane, bonded to 100% Polyester Micro Fleece with Texpel Splash Finish, 280g

Orange S-3XL, Yellow S-3XL







F302 HI-VIS 1/2 ZIP FLEECE

EN ISO 20471 CLASS 2 FOR SIZE S EN ISO 20471 CLASS 3 FOR SIZE M UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Anti-Pill finish Fleece, 250g Orange S-3XL, Yellow S-3XL

· Elastic waist with toggle for a secure and comfortable fit





F250 HI-VIS ESSENTIAL FLEECE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) AS/NZS 4602.1 CLASS D/N

100% Polyester, Anti-Pill finish Fleece, 250g Orange XS-3XL, Yellow XS-3XL

- · Anti-pill durable fleece fabric
- Reflective tape for increased visibility
- 2 side zip pockets for secure storage
- Elastic waist with toggle for a secure and comfortable fit









EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 1 (ORANGE ONLY)

Kingsmill Polycotton: 80% Polyester, 20% Cotton, 280g 65% Polyester, 35% Cotton, 260g 100% Polyester, 200g

Orange S-3XL

- Durable polycotton fabric with Texpel stain resistant finish
- Reflective tape for increased visibility
- 4 pockets for ample storage
- · Reversible garment for multi use







ROAD AND RAIL (RWS COMPLIANT)

R460 RWS HI-VIS WINTER TRAFFIC JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.345 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester Taffeta, 52g 100% Polyester, 170g Orange S-4XL

Storm flap front to protect against the elements

Detachable lining for added versatility in all weather conditions

· Drawcord adjustable hem



















R461 RWS HI-VIS 3-IN-1 TRAFFIC JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 4:3 X WP 10,000MM, MVP 10,000G/ M²/24HRS

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g 100% Polyester Mesh, 60g Inner Jacket: 100% Polyester, Anti-Pill finish

Fleece, 300g

100% Polyester, Anti-Pill finish Fleece, 300g Orange S-4XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Hook and loop cuffs for a secure fit
- Fleece lined collar to trap the heat and increase warmth
- Knitted cuff for comfort and warmth
- Detachable lining for added versatility in all weather





EN 342

INSULATED





















HS

ROAD AND RAIL (RWS COMPLIANT)





нѕ













Kingsmill Polyester Stretch: 93% Polyester, 7% Elastane, 270g

- · 4-way stretch fabric for ease of movement and added comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility





REG: 31"(7	79CM) ADJUSTABLE TO 33"(84CM)			
INCH	СМ	EU	FR	
30 - 48	76 - 124	46 - 64	36 - 60	

√ NEW

HS

R477 RWS HI-VIS HOODIE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g

- · 1 pocket for secure storage
- · Kangaroo pocket for ample storage













EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Bird Eye Knit, 150g

- Moisture wicking fabric helping to keep the body cool and dry
- · Generous fit for wearer comfort
- · Heat applied segmented reflective tape for added visibility
- · Ribbed collar







100% Polyester Warp Knit, 124g
Orange S-4XL

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

- $\cdot\;$ Front zip opening for easy access
- · Internal lower patch pockets
- · Phone and pen holder pocket
- · Dual ID holder allows use of both portrait and landscape ID card display







E052 HI-VIS X BACK CONTRAST COVERALL

EN ISO 20471 CLASS 2

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Yellow/Green S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · Reflective tape for increased visibility
- · 5 pockets for ample storage
- · Concealed zip opening for added security
- · Side elastic waist for ultimate wearer comfort
- · Knitted cuff for comfort and warmth

IDEAL FOR DEMANDING WORK ENVIRONMENTS























C565 HI-VIS 3-IN-1 X BACK CONTRAST **BOMBER JACKET**

EN ISO 20471 CLASS 2

EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.344 (M2.K/W), 2, X

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU

Coated, 190g

Coated, 170g
100% Polyester, 60g
100% Polyester Fur Lining, 400g
Sleeve: 100% Polyester Filling, 120g

Yellow/Green S-3XL

· Waterproof with taped seams preventing water penetration

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · EN342 Protection against cold certified up to -40°C
- · Internal chest pocket
- · Knitted cuffs and hem
- · Jacket can be worn three ways for multi use



VISIBLE FROM ALL DIRECTIONS



BACK



OUTER JACKET WITHOUT

OUTER JACKET WITH 1 OUTER SAG. FUR LINING



BODYWARMER

























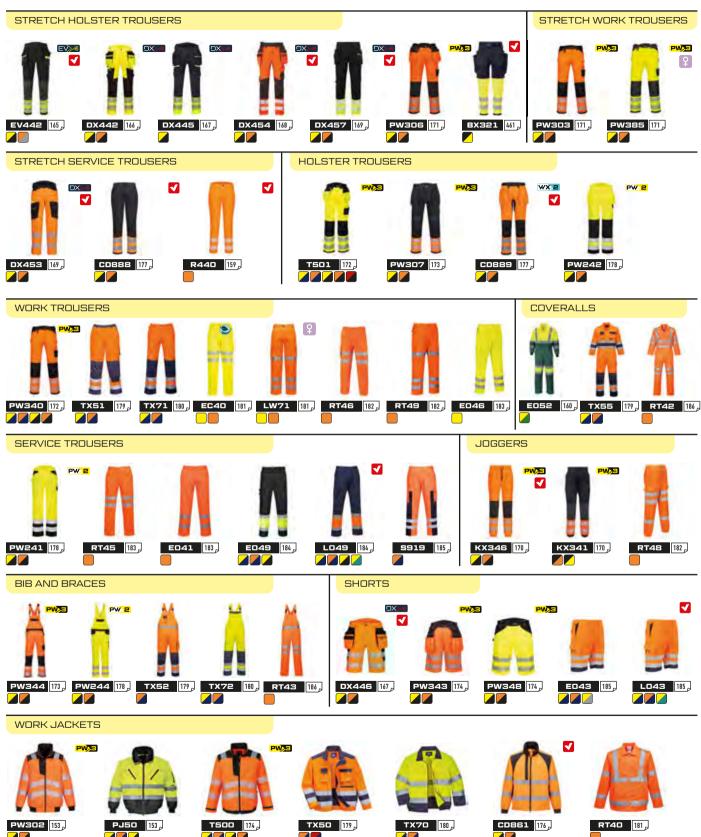


MORKWEAR

EXTENSIVE RANGE
OF EXCEPTIONAL
WORKWEAR
CAREFULLY
DESIGNED TO
PROVIDE PREMIUM
HIGH-VISIBILITY
PROTECTION



HIGH VISIBILITY WORKWEAR





ELEVATED ENDURANCE WORKWEAR

ELEVATED ENDURANCE WORKWEAR

EV460

EV442

This dynamic collection is ergonomically designed delivering a level of freedom and unrestricted movement not seen before in the market. The use of lightweight materials provide the perfect balance of durability and flexibility. Precision design and construction techniques combined with high performance fabrics and trims keep you protected from the outside while feeling comfortable on the inside.



ONLINE

240a

SLIM FIT

EV475

MAXIMUM STRENGTH AND STRETCH FABRIC

REFLECTIVE PRINT FOR INCREASED VISIBILITY AND SAFETY

√ NEW



HOLSTER POCKET TROUSERS

EV442 EV4 HI-VIS STRETCH DETACHABLE HOLSTER CLASS 1 **TROUSERS**

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN

USED IN COMBINATION WITH S156)

Titanmill Ultra Stretch: 92% Nylon, 8% Elastane, 230g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 235g

CorePro Armour: 72% Nylon, 16% Polyester, 12% PU 260g

Yellow/Black, Orange/Grey

- · 4-way stretch fabric for ease of movement and added comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 17 pockets for ample storage, including a rule pocket
- ID card holder for ID card display
- Stretch crotch gusset provides maximum flexibility and reduces stress
- FlexiHem™ hem adjuster secures the trouser at the ankle holding it firmly in place to reduce entrapment



ORANGE/GREY

YELLOW/BLACK

	INCH	СМ	EU	FR
REG	28 - 48	72 - 124	44 - 64	36 - 60
TALL	28 - 48	72 - 124	44 - 64	36 - 60







































INNER BOOT CLIP













HOLSTER POCKET

TROUSERS

ZIP OFF HOLSTER POCKETS

MULTI-FUNCTIONAL POCKETS

SLIM FIT

DX442 DX4 HI-VIS DETACHABLE **HOLSTER POCKET TROUSERS**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)

Titanmill Pro Stretch: 92% Polyester, 8% Elastane, 240g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 235g

CorePro: 88% Nylon 12% Elastane 245g Yellow/Black, Orange/Black

- · 4-way stretch fabric for ease of movement and added comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 16 pockets for ample storage
- · ID card holder for ID card display
- Rule pocket

Stretch crotch gusset provides maximum flexibility and reduces stress





COLLECTION



SEE PAGE 30 OR SCAN QR CODE TO VIEW THE FULL **DX4 COLLECTION** ONLINE



REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	





























4-WAY STRETCH FABRIC

TWO TIER KNEE PAD POCKETS



HOLSTER TROUSERS Street

NEW

















EN ISO 20471 CLASS 1

Titanmill Pro Stretch: 92% Polyester, 8% Elastane, 240g Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch,

Yellow/Black, Orange/Black

- · 4-way stretch fabric for ease of movement and added comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 14 pockets for ample storage
- Zip off holster pockets for added versatility
- Side elastic waist for ultimate wearer comfort
- · Stretch crotch gusset provides maximum flexibility and reduces stress

DX445 DX4 HI-VIS DETACHABLE HOLSTER POCKET CLASS 1 **TROUSERS**

EN ISO 20471 CLASS 1

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 245g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 235g

CorePro: 88% Nylon 12% Elastane 245g Yellow/Black

- · 4-way stretch fabric for ease of movement and added comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased
- · 16 pockets for ample storage
- · ID card holder for ID card display
- · Stretch crotch gusset provides maximum flexibility and reduces stress

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
20 - 40	72 - 124	44-44	34 - 40	























USED IN COMBINATION WITH S156)

CRAFT TROUSERS





DX454 DX4 HI-VIS CRAFT TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 235g Orange/Black, Yellow/Black

- 4-way stretch fabric for ease of movement and added comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 16 pockets for ample storage

- ¿ Zip off holster pockets for added versatility
- · Top-loading knee pad pockets for quick and easy access
- Hammer loop for secure storage of work tools

















DX451 435,

SEE PAGE 30, OR SCAN QR CODE TO VIEW THE FULL **DX4 COLLECTION** ONLINE



REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)					
INCH	СМ	EU	FR		
28 - 48	72 - 124	44 - 64	36 - 60		



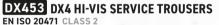




270a







RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Titanmill Pro Stretch: 92% Polyester, 8% Elastane, 235g Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g

CorePro: 88% Nylon, 12% Elastane, 245g ■ Orange/Black, Yellow/Black

- · 4-way stretch fabric for ease of movement and added comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 7 pockets for ample storage
- · Rule pocket
- Stretch crotch gusset provides maximum flexibility and reduces stress
- · Side elastic waist for ultimate wearer comfort



EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g
Titanmill Pro Stretch: 92% Polyester, 8% Elastane, 235g
CorePro: 88% Nylon, 12% Elastane, 245g Black/Orange, Black/Yellow

- 4-way stretch fabric for ease of movement and added comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased
- 16 pockets for ample storage

EN ISO 20471 CLASS

√ NEW

- Zip off holster pockets for added versatility
- Top-loading knee pad pockets for quick and easy access
- · Hammer loop for secure storage of work tools

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	



	IMPROVED FIT
--	--------------

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)			
INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64	36 - 60















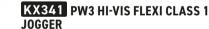












EN ISO 20471 CLASS 1

93% Polyester, 7% Elastane, 270g
65% Polyester, 35% Cotton, 245g Black/Orange S-3XL, Black/Yellow S-3XL

- 4-way stretch fabric for ease of movement and added comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 5 pockets for ample storage
- · Easy access cargo pockets

KX346 PW3 HI-VIS FLEXI JOGGER

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)



93% Polyester, 7% Elastane, 270g 95% Polyester, 5% Elastane, 160g Orange/Black S-3XL, Yellow/Black S-3XL

- 4-way stretch fabric for ease of movement and added comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 5 pockets for ample storage
- · Easy access cargo pockets











FIT

RETCH WORK







IMPROVED



LIGHTWEIGHT





PW306 PW3 HI-VIS STRETCH HOLSTER **POCKET TROUSERS**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245q 100% Polyester 600D Oxford, PU Coated,

210g Orange/Black, Yellow/Black

PW303 PW3 HI-VIS LIGHTWEIGHT STRETCH WORK TROUSERS EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g 100% Polyester 600D Oxford, PU Coated,

210g Orange/Black, Yellow/Black

PW385 PW3 HI-VIS WOMEN'S STRETCH WORK TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g 100% Polyester 600D Oxford, PU Coated,

210g Orange/Black, Yellow/Black

TITANMILL









REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 126	44.44	34 - 40	







REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	







REG: 29"(74CM) ADJUSTABLE TO 31"(79CM)				
INCH	СМ	EU	FR	
26 - 38	68 - 96	38 - 50	40 - 52	

















T501 PW3 HI-VIS HOLSTER POCKET WORK TROUSERS

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Plus: 65% Polyester, 35% Cotton, 300g 100% Polyester 600D Oxford, PU Coated, 210g

100% Polyester 600D Oxford, PU Coated, 210g
Orange/Black, Orange/Navy, Red/Black, Yellow/Black, Yellow/Navy

- Durable polycotton fabric with Texpel stain resistant finish
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 12 Pockets for ample storage
- · Concealed drop down ID holder on holster pocket

PW340 PW3 HI-VIS WORK TROUSERS

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)

ANSI/ISEA 107 SUPPLEMENTAL CLASS E

Titanmill Plus: 65% Polyester, 35% Cotton, 300g
100% Polyester 600D Oxford, PU Coated, 210g
Orange/Black, Orange/Navy, Yellow/Black, Yellow/Navy

- · Durable polycotton fabric with Texpel stain resistant finish
- \cdot Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 10 pockets for ample storage
- · Side elastic waist for ultimate wearer comfort





REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	
SHORT: 29"(74CM)				
28 - 42	72 - 108	44 - 58	36 - 54	



REC	REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)					
INC	Н	СМ	EU	FR		
28 - 48		72 - 124	44 - 64	36 - 60		
SHO	SHORT: 29"(74CM)					
28 -	42	72 - 108	44 - 58	36 - 54		











300g

PWS TROUSERS BIB AND BRACE





PW344 PW3 HI-VIS BIB AND BRACE

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Plus: 65% Polyester, 35% Cotton, 300g
100% Polyester 600D Fabric, 210g
Orange/Black S-3XL, Yellow/Black S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 10 pockets for ample storage
- · Hammer loop for secure storage of work tools
- · Reinforced panels in high wear areas for maximum durability
- $\cdot\,$ Adjustable hem to accommodate all leg lengths

PW307 PW3 HI-VIS CLASS 1 HOLSTER POCKET TROUSERS

EN ISO 20471 CLASS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Plus: 65% Polyester, 35% Cotton, 300g
100% Polyester 600D Oxford, PU Coated, 210g
Orange/Black, Yellow/Black

IMPROVED

- · Durable polycotton fabric with Texpel stain resistant finish
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 12 Pockets for ample storage
- · Zip off holster pockets for added versatility
- · Side elastic waist for ultimate wearer comfort
- $\cdot\,$ Adjustable hem to accommodate all leg lengths











REG: 31"(7	REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR		
28 - 48	72 - 124	44 - 64	36 - 60		









PW SHORTS

T500 PW3 HI-VIS WORK JACKET

EN ISO 20471 CLASS 3
RIS 3279 TOM ISSUE 2 (ORANGE ONLY)
ANSI/ISEA 107 TYPE R CLASS 3

Titanmill Plus: 65% Polyester, 35% Cotton, 300q

100% Polyester 600D Fabric, 210g
Orange/Black S-3XL, Orange/Navy S-3XL, Yellow/Navy S-3XL

- Durable polycotton fabric with Texpel stain resistant finish
- 4 pockets for ample storage
- · Radio loops for easy clipping of a radio

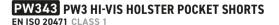












Titanmill Plus: 65% Polyester, 35% Cotton, 300g
100% Polyester 600D Fabric, 210g
Orange/Black, Yellow/Black

- · Durable polycotton fabric with Texpel stain resistant finish
- · 9 pockets for ample storage
- · Zip off holster pockets for added versatility



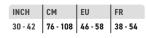
PW348 PW3 HI-VIS SHORTS EN ISO 20471 CLASS 1

Titanmill Plus: 65% Polyester, 35% Cotton, 300g
100% Polyester 600D Fabric, 210g
Orange/Black, Yellow/Black

- $\cdot\;$ Durable polycotton fabric with Texpel stain resistant finish
- · 5 pockets for ample storage
- Gripper elasticated inner waistline helping keep upper body garments in place











INCH CM EU FR 30 - 42 76 - 108 46 - 58 38 - 54

300g







PW S WORK TROUSERS







CD861 WX2 ECO HI-VIS WORK JACKET

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton, 245g
Kingsmill Polyester Stretch: 93% Polyester, 7% Elastane, 195g
Orange/Black S-4XL, Yellow/Black S-4XL

- Durable polycotton fabric for high performance and maximum wearer comfort
- Reflective tape for increased visibility
- 6 pockets for ample storage
- · Zipped chest pocket

























CD889 WX2 ECO HI-VIS HOLSTER POCKET TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN **COMBINATION WITH S156)**

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton, 245g

Kingsmill Polycotton Eco Stretch: 93% Recycled Polyester, 7% Elastane, 270g

Orange/Black 28-48, Yellow/Black 28-48

- · Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- Knee pad pockets with stretch panels for ease of movement
- · 4-way stretch fabric for ease of movement and added comfort
- · Zipped and flapped cargo pockets for secure storage

CD888 WX2 ECO HI-VIS CLASS 1 SERVICE TROUSERS **EN ISO 20471 CLASS 1**

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton, 195g

Kingsmill Polycotton Eco Stretch: 93% Recycled Polyester, 7% Elastane, 190g

Orange/Black 28-48, Yellow/Black 28-48

- · 4-way stretch fabric for ease of movement and added comfort
- 4 pockets for ample storage
- Adjustable hem regular to long leg
- · Zipped pockets



























PW 2 TROUSERS BIB AND BRACE

GARMENT BENEFITS

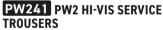
- · Durable polycotton fabric with Texpel stain resistant finish
- Reflective tape for increased visibility
- · Anti-scratch design with no exposed metal parts
- · Non-magnetic nickel and ferrous free
- · Adjustable hem to accommodate all leg lengths











EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange/Black, Yellow/Black

· 5 pockets for ample storage



PW242 PW2 HI-VIS HOLSTER POCKET TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN **USED IN COMBINATION WITH S156)**

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245q

Orange/Black, Yellow/Black

- 11 pockets for ample storage
- Two tier knee pad pockets allowing two positioning



PW244 PW2 HI-VIS BIB AND BRACE

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245q

Orange/Black S-3XL, Yellow/Black S-3XL

· 7 pockets for ample storage

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM) INCH СМ EU FR 44 - 64 36 - 60













245g

PORTWEST TEXO CONTRAST WORKWEAR

GARMENT BENEFITS

- · Durable polycotton fabric with Texpel stain resistant finish
- Reflective tape for increased visibility
- · Twin-stitched seams for extra durability
- · Contrast colouring for added style









TX50 LILLE HI-VIS CONTRAST **BOMBER JACKET**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245a

Yellow/Navy S-3XL



TX51 LYON HI-VIS CONTRAST **WORK TROUSERS**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange/Navy XS-4XL, Orange/Navy Tall M-XXL, Yellow/Navy XS-4XL, Yellow/Navy Tall M-XXL

WORK BIB AND BRACE

EN ISO 20471 CLASS 2

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange/Navy S-XXL

- 10 pockets for ample storage
- · Elasticated back panel



245q

TX52 DIJON HI-VIS CONTRAST

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g Orange/Navy S-3XL, Yellow/Navy S-3XL

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

12 Pockets for ample storage

TX55 NANTES HI-VIS

EN ISO 20471 CLASS 3

CONTRAST WORK COVERALL

Multiple utility pockets providing ample storage



CONTRAST WORKWEAR

GARMENT BENEFITS

- · Durable polycotton fabric with Texpel stain resistant finish
- Reflective tape for increased visibility
- · Twin-stitched seams for extra durability
- · S478 + TX71 certified to EN ISO 20471 Class 3 ensemble
- TX70 + TX72 certified to EN ISO 20471 Class 3 ensemble











TX71 SEVILLE HI-VIS CONTRAST WORK **TROUSERS**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange/Navy S-XXL, Yellow/Navy S-XXL



TX72 GIRONA HI-VIS CONTRAST WORK **BIB AND BRACE**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange/Navy S-3XL, Yellow/Navy S-3XL



TX70 MADRID HI-VIS CONTRAST **BOMBER JACKET**

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange/Navy S-3XL, Yellow/Navy S-3XL





280a

STANDARD FIT

JACKET AND TROUSERS



EC40 ECO HI-VIS WORK TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton, 245g
Orange, Yellow

- · Eco-conscious certified recycled fabric
- · 9 pockets for ample storage
- · Half elasticated waist for a secure and comfortable fit
- · Knee pad pockets to facilitate knee pads
- · Adjustable hem to accommodate all leg lengths

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)

INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64	36 - 60









LW71 HI-VIS WOMEN'S THREE BAND WORK TROUSERS

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Orange XS-XXL, Yellow XS-XXL

- Durable polycotton fabric with Texpel stain resistant finish
- · 7 pockets for ample storage
- · Internal kneepad pockets for better appearance
- · Easy access cargo pockets
- · Adjustable hem to accommodate all leg lengths











RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 80% Polyester, 20% Cotton, 280g

Orange S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · Reflective tape for increased visibility
- 3 pockets for ample storage
- · Zipped chest pocket
- · Bartacked at all stress points

















WORK TROUSERS AND JOGGER



245g
RELAXED
FIT





RELAXED FIT











RT46 HI-VIS RAIL WORK TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Orange XS-4XL, Orange Tall S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · 9 pockets for ample storage
- · Two back patch pockets
- Half elasticated waist for a secure and comfortable fit
- $\cdot\,$ Handy waistband D ring for keys or ID cards

RT49 HI-VIS THREE BAND WORK TROUSERS

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- · Durable polycotton fabric with Texpel stain resistant finish
- · 9 pockets for ample storage
- Half elasticated waist for a secure and comfortable fit
- · Handy waistband D ring for keys or ID cards
- · Knee pad pockets to facilitate knee pads

RT48 HI-VIS THREE BAND JOGGER

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g

- Knitted fabric with brushed backing
- · 5 pockets for ample storage
- Water resistant knee patches
- · Drawcord adjustable waist for a comfortable fit
- · Elasticated hem for a secure and comfortable fit



















GARMENT BENEFITS

- · Durable polycotton fabric with Texpel stain resistant finish
- · Reflective tape for increased visibility
- · 3 pockets for ample storage
- · Side access pockets













RT45 HI-VIS POLYCOTTON SERVICE **TROUSERS**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 80% Polyester, 20% Cotton, 280g Orange XS-5XL, Orange Tall S-XXL

· Jetted back pocket

· Elasticated back waist for a secure fit

E041 HI-VIS POLYCOTTON SERVICE **TROUSERS**

EN ISO 20471 CLASS 1 **ANSI/ISEA 107 SUPPLEMENTAL CLASS E**

Kingsmill Polycotton: 80% Polyester, 20% Cotton, 280g Orange S-XXL

- Jetted back pocket
- · Elasticated back waist for a secure fit

EN ISO 20471 CLASS 1 **ANSI/ISEA 107 SUPPLEMENTAL CLASS E**

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Yellow XS-4XL

- Two back patch pockets
- · Double rule pocket























CLASS 1 **TROUSERS**







ANSI/ISEA 107 SUPPLEMENTAL CLASS E

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Orange/Navy S-XXL, Yellow/Black S-3XL, Yellow/Navy S-3XL,
Yellow/Navy Tall M-XXL

- · Durable polycotton fabric with Texpel stain resistant finish
- · Reflective tape for increased visibility
- · Multiple pockets for ample storage



LO49 HI-VIS LIGHTWEIGHT CONTRAST CLASS 1 SERVICE TROUSERS

EN ISO 20471 CLASS 1 **ANSI/ISEA 107 SUPPLEMENTAL CLASS E**

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g
Orange/Navy S-3XL, Yellow/Black S-3XL, Yellow/Navy S-3XL, Yellow/Teal S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · Reflective tape for increased visibility
- · Multiple pockets for ample storage























SHORTS



E043 HI-VIS CONTRAST SHORTS

EN ISO 20471 CLASS 1 **ANSI/ISEA 107 SUPPLEMENTAL CLASS E**

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Orange/Navy XS-3XL, Yellow/Grey XS-3XL, Yellow/Navy XS-3XL









L043 HI-VIS LIGHTWEIGHT POLYCOTTON SHORTS

EN ISO 20471 CLASS 1 ANSI/ISEA 107 SUPPLEMENTAL CLASS E

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g
Orange/Navy S-3XL, Yellow/Navy S-3XL, Yellow/Teal S-3XL







BALLISTIC SERVICE TROUSERS



S919 HI-VIS BALLISTIC SERVICE TROUSERS EN ISO 20471 CLASS 1

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g Orange/Navy S-3XL

- Durable polycotton fabric for high performance and maximum wearer comfort
- Ballistic nylon panels offer maximum protection against glass, metal shards and other dangerous materials.
- Reflective tape for increased visibility

SHARED FEATURES

- · 7 pockets for ample storage
- · Two back patch pockets



BIB AND BRACE AND COVERALL

GARMENT BENEFITS

- · Durable polycotton fabric with Texpel stain resistant finish
- · Reflective tape for increased visibility
- · Side access pockets













EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 80% Polyester, 20% Cotton, 280g

- · 7 pockets for ample storage
- · Adjustable side opening for added flexibility
- · Adjustable straps with durable buckle closure



RT42 HI-VIS POLYCOTTON SERVICE COVERALL

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Kingsmill Polycotton: 80% Polyester, 20% Cotton, 280g

- · 4 pockets for ample storage
- · Concealed zip opening for added security
- · Back elastic for ease of movement





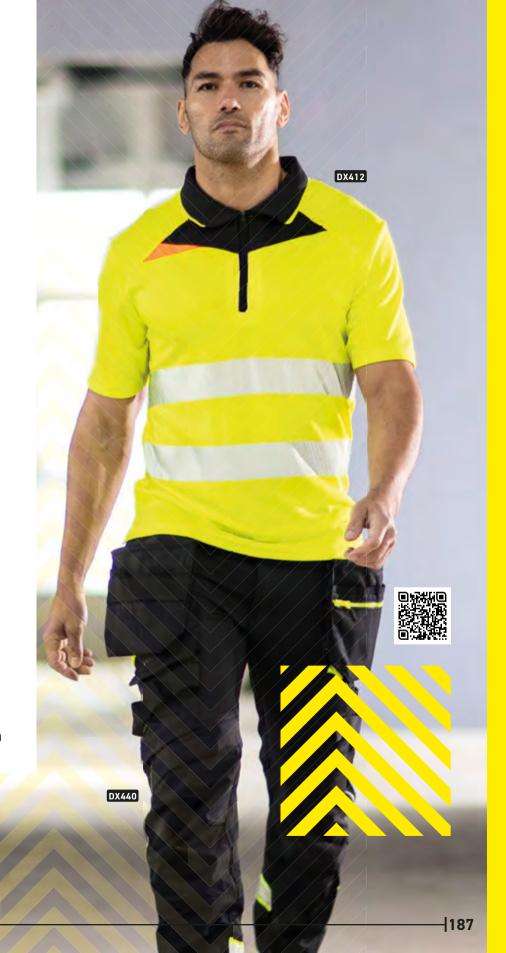






HIGH VISIBILITY LEISUREWEAR

BE SEEN, STAY
SAFE WITH OUR
OUTSTANDING
RANGE OF
HIGH-VISIBILITY
LEISUREWEAR
PRODUCTS
DESIGNED TO
KEEP WEARERS
PROTECTED AND
COMFORTABLE



HIGH VISIBILITY LEISUREWEAR

188









DX481 DX4 HI-VIS LIGHTWEIGHT MID LAYER

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

92% Polyester, 8% Elastane, 210g 92% Nylon, 8% Elastane, 210g Orange/Black S-4XL, Yellow/Black S-4XL

- · 4-way stretch fabric for ease of movement and added comfort

 Heat applied segmented reflective tape for
- added visibility
- Internal pockets for safe storage
 Elasticated cuffs for a secure fit
- Thumb loop
- Engineered with an active fit























SWEATSHIRT AND HOO







EN ISO 20471 CLASS 2 SIZES S-M EN ISO 20471 CLASS 3 SIZE L UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Interlock Bonded to 100% Polyester Fleece, 330g 100% Polyester Mesh, 165g

Orange/Black S-5XL, Yellow/Black S-5XL

- 100% polyester mechanical stretch bonded to 100% polyester fleece
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 2 side zip pockets for secure storage
- · 1/4 length centre front zip for added comfort and versatility











DX483 DX4 HI-VIS OVERHEAD HOODIE

EN ISO 20471 CLASS 2 SIZES S-M

EN ISO 20471 CLASS 3 SIZE L UPWARDS

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Anti-Pill Finish, Double Sided Bonded Fleece, 330g

Orange/Black S-4XL, Yellow/Black S-4XL

- 100% polyester mechanical stretch bonded to 100% polyester fleece
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- Drawcord hood and hem for a secure and comfortable fit
- Heat applied reflective tape for added visibility









DX482 DX4 HI-VIS 1/4 ZIP HOODIE

EN ISO 20471 CLASS 2 SIZE S EN ISO 20471 CLASS 3 SIZE M UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Interlock Bonded to 100% Polyester Fleece, 330g 100% Polyester Mesh, 165g Orange/Black S-5XL, Yellow/Black S-5XL

- 100% polyester mechanical stretch bonded to 100% polyester fleece Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 2 side zip pockets for secure storage
- 1/4 length centre front zip for added comfort and versatility











DX477 DX4 HI-VIS FUNNEL NECK SWEATSHIRT

EN ISO 20471 CLASS 2 SIZES S-M

EN ISO 20471 CLASS 3 SIZE L UPWARDS RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Interlock Bonded to 100% Polyester Fleece, 330g 100% Polyester Mesh, 165g

Orange/Black S-5XL, Yellow/Black S-5XL

- 100% polyester mechanical stretch bonded to 100% polyester fleece
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased
- 6 pockets for ample storage
- Zipped chest pockets







PW377 PW3 ZIPPED CLASS 1 WINTER HOODIE

EN ISO 20471 CLASS 1



65% Polyester, 35% Cotton, 300g
100% Polyester Borg Fleece, 300g
Orange/Black S-4XL, Yellow/Black S-4XL

- Knitted fabric with brushed backing
 Fleece lining for added warmth and comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 2 side zip pockets for secure storage
- · Hood for added protection against the elements
- · Ribbed hem for a comfortable fit





PW327 PW3 HI-VIS ZIP HOODIE

EN ISO 20471 CLASS 2 SIZES S-M EN ISO 20471 CLASS 3 SIZE L+ RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g

Orange/Black S-5XL, Yellow/Black S-5XL

- · Knitted fabric with brushed backing
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · Stylish unisex design for multi functional use
- · 6 pockets for ample storage
- · Hood for added protection against the elements
- · Ribbed cuffs for added comfort















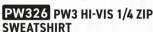
SWEATSHIRT

PW/3









EN ISO 20471 CLASS 2 SIZES S EN ISO 20471 CLASS 3 SIZE M+ RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g
Orange/Black S-5XL, Yellow/Black S-5XL



PW370 PW3 HI-VIS ZIP SWEATSHIRT

EN ISO 20471 CLASS 2 SIZES S-M
EN ISO 20471 CLASS 3 SIZES L-5XL
RIS 3279 TOM ISSUE 2 (ORANGE ONLY)
ANSI/ISEA 107 TYPE R CLASS 2 SIZES S-M
ANSI/ISEA 107 TYPE R CLASS 3 SIZES L-5XL

100% Polyester, 280g
Orange/Black S-5XL, Yellow/Black S-5XL



PW379 PW3 HI-VIS SWEATSHIRT

EN ISO 20471 CLASS 2 SIZE: S
EN ISO 20471 CLASS 3 SIZES: M-4XL
RIS 3279 TOM ISSUE 2 (ORANGE ONLY)
ANSI/ISEA 107 TYPE R CLASS 2 SIZE: S
ANSI/ISEA 107 TYPE R CLASS 3 SIZES: M-4XL

65% Polyester, 35% Cotton, 300g
Orange/Black S-4XL, Yellow/Black S-4XL,
Red/Black S-4XL



HS











PW376 PW3 HI-VIS CLASS 1. SWEATSHIRT

EN ISO 20471 CLASS 1

65% Polyester, 35% Cotton, 300g
Orange/Black S-5XL, Yellow/Black S-5XL







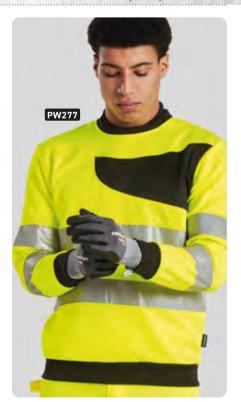
PW277 PW2 HI-VIS SWEATSHIRT

EN ISO 20471 CLASS 2 S-M EN ISO 20471 CLASS 3 L-4XL RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g
Orange/Black S-4XL, Yellow/Black S-4XL







SWEATSHIRT AND HOODIE



EC13 ECO HI-VIS SWEATSHIRT

EN ISO 20471 CLASS RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2

65% Recycled Polyesici, — Orange S-4XL, Yellow S-4XL 65% Recycled Polyester, 35% Cotton, 300g



B303 HI-VIS SWEATSHIRT

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

65% Polyester, 35% Cotton, 300g Orange XS-5XL, Yellow XS-5XL Red S-3XL



B308 XENON HI-VIS RUGBY SHIRT

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3

65% Polyester, 35% Cotton, 300g
100% Polyester 600D Oxford, PU Coated, 210g Crange XS-4XL, Yellow XS-6XL









HS







B306 HI-VIS CONTRAST **SWEATSHIRT**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g Orange/Navy S-4XL, Yellow/Navy S-4XL



EN ISO 20471 CLASS 2 SIZES S-M EN ISO 20471 CLASS 3 SIZES L-5XL RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 SIZES S-M ANSI/ISEA 201 TYPE R CLASS 3 SIZES L-5XL

65% Polyester, 35% Cotton, 300g
Orange/Black S-5XL, Yellow/Black S-5XL



B304 HI-VIS HOODIE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE P CLASS 3 **ANSI/ISEA 107 TYPE R CLASS 3**

65% Polyester, 35% Cotton, 300g Orange S-4XL, Yellow S-4XL









B316 HI-VIS CONTRAST HOODIE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g
Orange/Navy S-3XL, Yellow/Navy S-3XL



B317 HI-VIS CONTRAST ZIPPED HOODIE

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g Orange/Navy S-3XL, Yellow/Navy S-3XL

B305 HI-VIS ZIPPED HOODIE EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

65% Polyester, 35% Cotton, 300g Orange XS-4XL, Yellow XS-4XL











DX475



T-SHIRT LONG SLEEVED

SLIM FIT



DX416 DX4 HI-VIS T-SHIRT L/S EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Ezeecool: 100% Polyester, Pin Mesh, 150g
Orange/Black S-4XL, Yellow/Black S-4XL

- · Moisture wicking fabric helping to keep the body cool and dry
- Ideal for corporate wear and custom finishes
 Contrast colouring for added style
- · Taped neck seam for extra comfort
- $\cdot\,$ Slim fit design is form-fitting yet unrestrictive
- · Heat applied segmented reflective tape for added visibility



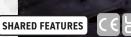
























DX443

T184 PW3 HI-VIS COTTON COMFORT POLO SHIRT L/S

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

55% Cotton, 45% Polyester, Knit, 175g ▼ Orange/Black S-5XL, Orange/Navy S-5XL, Yellow/Black XS-5XL, Yellow/Navy XS-5XL

- Moisture wicking fabric helping to keep the body cool and dry
- · High cotton content for superior comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- Chest pocket











EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 3 ANSI/ISEA 107 TYPE P CLASS 3**

55% Cotton, 45% Polyester, Knit, 175g
Orange/Black S-5XL, Orange/Navy S-5XL,
Yellow/Black S-5XL, Yellow/Navy S-5XL

- · Moisture wicking fabric helping to keep the body cool and dry
- High cotton content for superior comfort
- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- Chest pocket







PW312 PW3 HI-VIS COTTON COMFORT **CLASS 1 T-SHIRT L/S**

EN ISO 20471 CLASS 1

55% Cotton, 45% Polyester, Knit, 175g Orange/Black S-4XL, Yellow/Black S-4XL

- Moisture wicking fabric helping to keep the body cool
- · High cotton content for superior comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- Side vents for added comfort















NEW



PW 2 POLO & T-SHIRT LONG SLEEVED



EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, 144g Orange/Black S-4XL, Yellow/Black S-4XL

- · Moisture wicking fabric effectively absorbs moisture away from skin
- · High cotton content for superior comfort
- · 100% metal free
- · Ideal for corporate wear and custom finishes
- · Slim fit design is form-fitting yet unrestrictive
- · Contrast colouring for added style

















EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, 144g
Orange/Black S-4XL, Yellow/Black S-4XL

- · Moisture wicking fabric helping to keep the body cool and dry
- High cotton content for superior comfort
- · Ribbed collar
- · Contrast colouring for added style
- · Ideal for corporate wear and custom finishes
- · Slim fit design is form-fitting yet unrestrictive











LIGHTWEIGHT

POLO & T-SHIRT LONG SLEEVED

EC11 ECO HI-VIS POLO SHIRT L/S (6 PACK)

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Recycled Polyester, 2...
Orange S-4XL, Yellow S-4XL 100% Recycled Polyester, Bird Eye Knit, 175g

- Eco-conscious certified recycled fabric
- Breathable fabric to draw moisture away from the body keeping the wearer cool, dry and comfortable















S271 HI-VIS COTTON COMFORT POLO SHIRT L/S

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g

Orange S-3XL, Yellow S-3XL



S277 HI-VIS POLO SHIRT L/S

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

100% Polyester, Bird Eye Knit, 175g Orange XS-6XL, Yellow XS-6XL





S279 HI-VIS CONTRAST POLO SHIRT L/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2**

100% Polyester, Bird Eye Knit, 175g Orange/Navy S-4XL, Yellow/Navy XS-4XL





S278 HI-VIS COTTON COMFORT T-SHIRT L/S

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 3 **ANSI/ISEA 107 TYPE P CLASS 3**

55% Cotton, 45% Polyester, Knit, 175g Orange S-3XL, Yellow S-3XL



S178 HI-VIS T-SHIRT L/S

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)





S280 HI-VIS COTTON COMFORT CONTRAST T-SHIRT L/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Nill, ...s





OLO SHIRT



DX412 DX4 HI-VIS ZIP POLO SHIRT S/S

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Pin Mesh, 150g Orange/Black S-4XL, Yellow/Black S-4XL

- · Ideal for corporate wear and custom finishes
- Superior styling with a contrast collar and fluorescent stripe
- Contrast colouring for added style















High cotton content for superior comfort

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

ANSI/ISEA 107 TYPE R CLASS 2 / TYPE P CLASS 2

55% Cotton, 45% Polyester, Knit, 175g



Chest pocket

EN ISO 20471 CLASS 2

Navy S-3XL



LW72 HI-VIS WOMEN'S COTTON COMFORT PRO POLO SHIRT S/S

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

ANSI/ISEA 107 TYPE R CLASS 2 / TYPE P CLASS 2

55% Cotton, 45% Polyester, Knit, 175g Orange/Black XS-XXL, Orange/Grey XS-XXL, Yellow/Black XS-XXL, Yellow/Grey XS-XXL

- · High cotton content for superior comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · Superior styling with a contrast collar and fluorescent stripe







Orange/Black XS-5XL, Orange/Navy S-3XL, Yellow/Black XS-5XL, Yellow/

Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility

PW212 PW2 HI-VIS COTTON COMFORT POLO SHIRT S/S

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, 144g ▼ Orange/Black S-4XL, Yellow/Black S-4XL

- High cotton content for superior comfort
- Non-magnetic nickel and ferrous free
- Anti-scratch design with no exposed metal parts









HS

GARMENT BENEFITS

- Breathable fabric to draw moisture away from the body keeping the wearer cool, dry and comfortable
- · Reflective tape for increased visibility
- · Superior styling with a contrast collar and fluorescent stripe





EC10 ECO HI-VIS POLO SHIRT S/S (6 PACK)

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Recycled Polyester, Bird Eye Knit,

Orange S-4XL, Yellow S-4XL



S477 HI-VIS POLO SHIRT S/S RT22 HI-VIS POLO SHIRT S/S

EN ISO 20471 CLASS 2 ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2 RT22: RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Bird Eye Knit, 175g

S477: Yellow XS-7XL, RT22: Orange XS-5XL

S477: Red S-3XL



S171 HI-VIS COTTON COMFORT POLO SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g

Orange XS-4XL, Yellow XS-4XL



\$175 HI-VIS LIGHTWEIGHT CONTRAST POLO SHIRT S/S

EN ISO 20471 CLASS 1

100% Polyester, Bird Eye Knit, 150g
Yellow/Navy S-4XL, Yellow/Teal S-4XL



S479 HI-VIS CONTRAST POLO SHIRT S/S EN ISO 20471 CLASS 1

ANSI/ISEA 107 TYPE 0 CLASS 1

100% Polyester, Bird Eye Knit, 175g
Orange/Navy XS-4XL, Yellow/Navy XS-5XL



S174 HI-VIS COTTON COMFORT CONTRAST POLO SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g
Orange/Navy S-4XL, Yellow/Navy S-4XL





DX413 DX4 HI-VIS T-SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EzeeCool: 100% Polyester, Pin Mesh, 150g Orange/Black S-4XL, Yellow/Black S-4XL

- · Moisture wicking fabric helping to keep the body cool and dry
- Ideal for corporate wear and custom finishes
- · Superior styling with a contrast collar and fluorescent stripe
- · Contrast colouring for added style



RIS













T181 PW3 HI-VIS COTTON COMFORT T-SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2**

55% Cotton, 45% Polyester, Knit, 175g
Orange/Black XS-5XL, Orange/Grey S-3XL,
Orange/Navy S-4XL, Yellow/Black XS-5XL, Yellow/Grey S-3XL, Yellow/Navy S-3XL Red/Black S-4XL



INSERT T-SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2**

55% Cotton, 45% Polyester, Knit, 175g Orange/Black S-4XL, Yellow/Black S-4XL



PW311 PW3 HI-VIS COTTON COMFORT **CLASS 1 T-SHIRT S/S**

EN ISO 20471 CLASS 1 ANSI/ISEA 107 TYPE 0 CLASS 1

55% Cotton, 45% Polyester, Knit, 175g Black/Orange S-4XL, Black/Yellow XS-4XL



PW213 PW2 HI-VIS COTTON COMFORT T-SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, 144g Orange/Black S-4XL, Yellow/Black S-4XL

LIGHTWEIGHT



GARMENT BENEFITS

- · Breathable fabric to draw moisture away from the body keeping the wearer cool, dry and comfortable
- · Quality wicking fabric finish enhances drying and aids stain removal
- · Reflective tape for increased visibility
- · Generous fit for wearer comfort





S179 HI-VIS COTTON COMFORT MESH **INSERT T-SHIRT S/S**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, 175g
100% Polyester Mesh, 125g Orange S-4XL, Yellow S-4XL



S170 HI-VIS COTTON COMFORT T-SHIRT

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2** ANSI/ISEA 107 TYPE P CLASS 3

55% Cotton, 45% Polyester, Knit, 175g ○ Orange S-5XL, Yellow S-5XL



EC12 ECO HI-VIS T-SHIRT S/S (6 PACK)

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2**

100% Recycled Polyester, Drange S-4XL, Yellow S-4XL 100% Recycled Polyester, Bird Eye Knit, 150g

LIGHTWEIGHT



S478 HI-VIS T-SHIRT S/S

EN ISO 20471 CLASS 2 ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2

100% Polyester, Bird Eye Knit, 150g Yellow XS-6XL Red S-3XL





RT23 HI-VIS T-SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2

100% Polyester, Bird Eye Knit, 150g Orange XS-5XL





S378 HI-VIS CONTRAST T-SHIRT S/S

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) **ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2**

100% Polyester, Bird Eye Knit, 150g
Orange/Navy S-3XL, Yellow/Navy S-6XL









GARMENT BENEFITS

- Moisture wicking fabric helping to keep the body cool and dry
- High cotton content for superior comfort
- Reflective tape for increased visibility
- · Designed with a comfort fit



T-SHIRT

2 BAND







EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g Orange XS-4XL, Yellow XS-4XL



C394 HI-VIS COTTON COMFORT MESH **INSERT T-SHIRT S/S**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g Orange S-3XL, Yellow S-3XL







S173 HI-VIS COTTON COMFORT **CONTRAST T-SHIRT S/S** EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g
Orange/Navy XS-4XL, Yellow/Navy XS-4XL



C395 HI-VIS CONTRAST MESH INSERT T-SHIRT S/S EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

55% Cotton, 45% Polyester, Knit, 175g
100% Polyester Mesh, 125g
Orange/Navy S-3XL, Yellow/Navy S-3XL



FC67

S790

VESTS

Extensive range of high visibility high performance vests meeting the varied demands of every work environment. Available in a range of colours and fabrics offering maximum comfort for the wearer.

MeshAir $^{\text{TM}}$ fabric is lightweight and fully breathable which provides full airflow and excellent ventilation, making it ideal for working in warmer conditions.



WOVEN FABRIC 65% Polyester, 35% Cotton



MESH FABRIC 100% Polyester Full Mesh



KNITTED FABRIC 100% Polyester Solid Warp Knit



50% MESH 50% SOLID KNIT VESTS

50% Mesh, 50% Solid Knit combining both fabrics above



TOOL VEST





PW308 PW3 HI-VIS CLASS 1 TOOL VEST EN ISO 20471 CLASS 1

Titanmill Plus: 65% Polyester, 35% Cotton, 245g

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- · 12 Pockets for ample storage
- · Front zip opening for easy access
- · Radio loop for easy clipping of a radio
- · Adjustable waist for a perfect fit



KS63 HI-VIS TOOL VEST EN ISO 20471 CLASS 2

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Reflective tape for increased visibility
- 10 pockets for ample storage
- D-ring for keys or ID cards
- · Dual ID holder allows use of both portrait and landscape ID card display
- · Adjustable waist for a perfect fit













EXECUTIVE VEST



PW>3

PW309 PW3 HI-VIS EXECUTIVE VEST EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 ANSI/ISEA 107 TYPE P CLASS 2

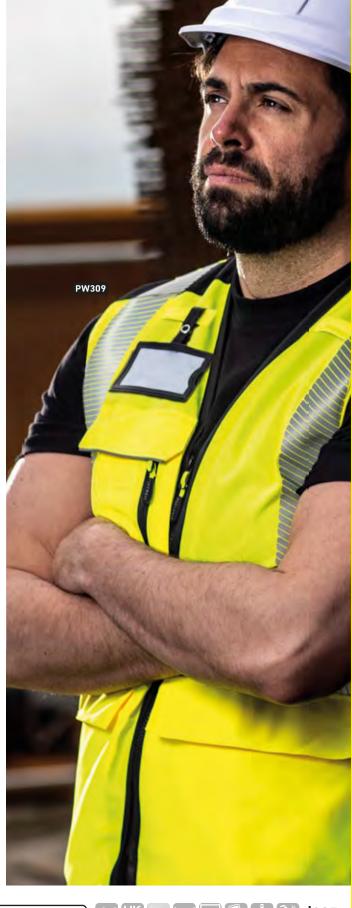
100% Polyester Warp Knit, 124g
Orange/Black S-4XL, Yellow/Black S-4XL

- · Lightweight and comfortable
- Heat applied segmented reflective tape for added visibility
 Front zip opening for easy access

- 7 pockets for ample storage
 Phone and pen holder pocket
- · Detachable ID pocket









S475 HI-VIS EXECUTIVE JACKET

EN ISO 20471 CLASS 3

100% Polyester, Warp Knit, 124g
Yellow S-3XL

- · Front zip opening for easy access
- · 7 pockets for ample storage
- · Two lower patch pockets
- · Phone and pen holder pocket
- Dual ID holder allows use of both portrait and landscape ID card display
- · Hook and loop cuffs for a secure fit



EXECUTIVE VEST





















C357 HI-VIS TABLET POCKET **EXECUTIVE VEST**

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Warp Knit, 124g ▼ Orange S-4XL, Yellow S-4XL

C376 ATHENS HI-VIS MESH EXECUTIVE

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

MeshAir Hi-Vis: 100% Polyester
Orange XS-3XL, Yellow XS-3XL 💢 MeshAir Hi-Vis: 100% Polvester Mesh. 150a

C496 MADRID HI-VIS HALF MESH **EXECUTIVE VEST**

EN ISO 20471 CLASS 1 ANSI/ISEA 107 TYPE R CLASS 2

100% Polyester, Warp Knit, 124g 100% Polyester Mesh, 110g Orange S-3XL, Yellow XS-4XL















C476 WARSAW HI-VIS CONTRAST **EXECUTIVE VEST**

EN ISO 20471 CLASS 1 **ANSI/ISEA 107 TYPE 0 CLASS 1**

100% Polyester, Warp Knit, 124g Orange/Grey S-3XL, Orange/Navy S-3XL, Yellow/Black S-3XL, Yellow/Grey S-3XL, Yellow/Navy XS-5XL, Yellow/Royal S-3XL

S376 PRAGUE HI-VIS EXECUTIVE VEST

EN ISO 20471 CLASS 2

100% Polyester, Warp Knit, 124g Yellow/Orange S-3XL

C377 HI-VIS MESH CONTRAST **EXECUTIVE VEST**

EN ISO 20471 CLASS 1

MeshAir Hi-Vis: 100% Polyester Mesh, 150g Orange/Navy S-3XL, Yellow/Navy S-3XL













C276 PARIS HI-VIS CONTRAST **EXECUTIVE VEST EN ISO 20471 CLASS 1**

100% Polyester, Warp Knit, 124g Yellow/Navy S-3XL, Yellow/Red S-3XL

F476 IONA EXECUTIVE VEST EN 17353 TYPE B3

100% Polyester, Warp Knit, 124g Bottle Green S-3XL, Navy S-3XL, Red S-3XL, Royal Blue S-3XL

RT26 HI-VIS ZIP EXECUTIVE VEST EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester Warp Knit, 124g

Orange S-XXL

H-TAPE VES



EC76 ECO HI-VIS VEST (10 PACK)

EN ISO 20471 CLASS RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 / TYPE P CLASS 2

100% Recycled Polyester , Warp Knit, 124g
Orange S/M - 4XL/5XL, Yellow S/M - 4XL/5XL



C375 HI-VIS BAND AND BRACE VEST

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Warp Knit, 124g Orange S-3XL, Yellow S-3XL



C370 HI-VIS MESH BAND AND BRACE VEST

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

MeshAir Hi-Vis: 100% Polyester Mesh, 150g Orange S/M - 4XL/5XL, Yellow S/M - 4XL/5XL



C470 HI-VIS BAND AND BRACE VEST

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 / TYPE P CLASS 2

100% Polyester, Warp Knit, 124g Orange S/M-6XL/7XL Yellow S/M-6XL/7XL

Red S/M-XXL/3XL



C481 HI-VIS BAND AND BRACE **CONTRAST VEST**

EN ISO 20471 CLASS 2

100% Polyester, Warp Knit, 124g Yellow/Orange S/M - XXL/3XL



C372 HI-VIS BAND AND BRACE ZIP **VEST S/S**

EN ISO 20471 CLASS 2 SIZES S-M EN ISO 20471 CLASS 3 SIZES L-3XL

100% Polyester Warp Knit, 124g Yellow S-3XL



C472 HI-VIS BAND AND BRACE VEST

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ANSI/ISEA 107 TYPE R CLASS 2 / TYPE P CLASS 2

100% Polyester, Warp Knit, 124g Orange S/M - XXL/3XL, Yellow S/M - 4XL/5XL



RT20 HI-VIS ZIP LONG LENGTH VEST

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Warp Knit, 160g
Orange S-4XL



C473 HI-VIS BAND AND BRACE JACKET L/S

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Warp Knit, 124g Orange S/M - XXL/3XL, Yellow S/M - XXL/3XL



RIS

2 BAND VEST













RIS

















C494 HI-VIS HALF MESH TWO BAND

EN ISO 20471 CLASS 1 **ANSI/ISEA 107 TYPE R CLASS 2**

C374 HI-VIS MESH TWO BAND VEST EN ISO 20471 CLASS 2

MeshAir Hi-Vis: 100% Polyester Mesh, 150g

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Orange S/M-4XL/5XL,

Yellow S/M-4XL/5XL

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Warp Knit, 124g
Urange S/M-4XL/5XL, Yellow S/M-4XL/5XL Red S/M-XXL/3XL

C474 HI-VIS TWO BAND VEST

100% Polyester, Warp Knit, 124g MeshAir Hi-Vis: 100% Polyester Mesh, 110g Orange S/M-4XL/5XL, Yellow S/M-4XL/5XL













F474 IONA VEST

EN 17353 TYPE B3

100% Polyester, Warp Knit, 124g
Bottle Green S/M-4XL/5XL, Navy S/M-XXL/3XL, Pink S/M-XXL/3XL, Purple S/M-XXL/3XL, Red S/M-XXL/3XL, Royal Blue S/M-4XL/5XL

F374 MESHAIR IONA VEST EN 17353 TYPE B3

MeshAir: 100% Polyester Mesh, 150g Bottle Green S/M-XXL/3XL, Red S/M-XXL/3XL, Royal Blue S/M-XXL/3XL C475 HI-VIS TWO BAND DUAL ID HOLDER VEST

EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

100% Polyester, Warp Knit, 124g
Orange S/M-XXL/3XL, Yellow S/M-XXL/3XL









EN 17353 TYPE AB3

100% Polyester Warp Knit, 124g
Orange S-L, Yellow S-L







A340 HI-VIS **GRIP GLOVE -**LATEX 621,

Designed with functionality and durability in mind, our accessories build on the needs of the worker where low light conditions is an issue, taking your workwear to the next level.







B029 BEANIE USB RECHARGEABLE LED **HEAD LIGHT**

ROHS

100% Acrylic, Knit Black One Size, Grey One Size, Navy One Size, Orange One Size, Yellow One Size



B033 WORKMAN'S LED BEANIE

100% Acrylic, Knit Navy One Size



B034 TWO TONE LED RECHARGEABLE BEANIE

ROHS

100% Acrylic, Knit Black/Grey One Size



B028 RECHARGEABLE TWIN LED BEANIE ROHS

100% Acrylic, Knit Black One Size, Navy One Size



B030 REPLACEMENT BEANIE HEAD LIGHT ROHS

HS

₩ ABS 20g Black One Size 6.5cm x 4.5cm x 1.5cm



HB10 HI-VIS BASEBALL CAP

65% Polyester, 35% Cotton, 2003

Orange/Navy One Size, Yellow/Navy One



HV56 HI-VIS TROUSERS BRACES EN 13356

100% Polyester Yellow One Size



HV55 HI-VIS STRAP EN 13356

100% Polyester, PVC Coated, 190g Orange One Size, Yellow One Size



ID40 TPU ID HOLDER (25 PACK)

100% Polyester 300D Oxford Weave, PU Coated, 190g Black One Size

ACCESSORIES

HF50 HI-VISTEX FLAME RESISTANT REFLECTIVE TAPE 100M EN ISO 20471 EN ISO 14116

HV50 HI-VISTEX 50MM REFLECTIVE TAPE 100M

Woven Polyester-Cotton
Silver One Size







ABS 95g
Black One Size
8cm x 4.8cm x 3.8cm

CE



PA50 LED HEAD LIGHT ROHS CE

ABS 69g
Silver One Size
7.8cm x 5.4 cm x 4cm



PA63 DUAL POWER HEAD LIGHT ROHS CE

ABS 89g

Yellow/Black One Size
7.3cm x 6.2 cm x 4.7 cm





PA71 USB RECHARGEABLE HEAD LIGHT ROHS CE

ABS 75g
Black One Size
6cm x 4cm x 4.5cm



PA72 LED CAP LIGHT ROHS

ABS 42g
Black One Size
8.3cm x 5.5cm x 2.5cm

HV12 USB RECHARGEABLE LIGHT CLIP
ROHS
CE

ABS 26g
Black One Size
L6cm x W3.3cm x H2.5cm



FLAME RESISTANT MULTI NORM





FLAME RESISTANT MULTI NORM PROTECTION

WHEN WORKING IN HIGH-RISK WORK ENVIRONMENTS WHERE EXPOSURE TO FLAMES, SPARKS, AND HEAT IS A POSSIBILITY, NOTHING BUT THE MOST ADVANCED LEVEL OF PROTECTION WILL DO.

Suitable across industries, Portwest's range of flame resistant and multi-norm workwear is designed to keep you safe, protected and comfortable in all climates. Years of experience in addition to in-depth market research, innovative technologies, science-based solutions contribute to the design of each product within this range.

We understand the critical importance of safeguarding workers against potential hazards, and this range offers high quality garments that meet stringent global industry standards while prioritising comfort and durability.

MODAFLAME™

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ARAFLAMETM

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ALUFLAMETM

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BIZFLAMETM

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SEALTEXTM FLAME

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BIZWELDTM

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PREMIUM INHERENT FLAME PROTECTION

Modaflame™ is a high specification fabric constructed from an inherently flame resistant yarn, composed of a special blend of Modacrylic Fibre, Cotton and Carbon Fibre. Modacrylic fibres provide inherent permanent flame resistance, excellent dimensional stability and high elastic properties which allow garments to retain their shape. High Cotton content gives the fabric comfort, warmth and a soft handle. Carbon Fibre woven into the fabric gives inherent anti-static properties.

















MODAFLAME™ RAIN+ HV 350q

Constructed from 98% Polyester, 2% Carbon Fibre with a PU breathable flame resistant coating, bonded with a 60% Modacrylic, 40% Cotton flame resistant knitted backing. This fabric provides anti-static flame resistance, and offers chemical, electric arc and waterproof protection. Modaflame™ Rain+ HV (Yellow) is additionally certified to EN ISO 20471. Modaflame™ Rain+ HV (Orange) is additionally certified to EN ISO 20471 and RIS 3279.















MODAFLAME™ SOFTSHELL 350q

Constructed from 100% Polyester laminated to a TPU flame resistant membrane and bonded with a 60% Modacrylic, 39% Cotton and 1% Carbon Fibre inherent flame resistant fleece. This multi norm 3 layer softshell fabric is the latest evolution offering excellent flame, chemical, electric arc and waterproof protection.

















MODAFLAME™ SOFTSHELL HV 350a

Modaflame™ Softshell HV is constructed as per Modaflame™ Softshell. Modaflame™ Softshell HV (Yellow) is additionally certified to EN ISO 20471. Modaflame™ Softshell HV (Orange) is additionally certified to EN ISO 20471 and RIS 3279.















MODAFLAME™ WORK 280a

Modaflame™ Work is an inherently flame resistant fabric. This special blend combines 60% Modacrylic Fibre with 39% Cotton and 1% Carbon Fibre. Modaflame™ Work is extremely comfortable, hardwearing and offers full anti static protection.















MODAFLAME™ WORK STRETCH 280a

60% Modacrylic, 35% Cotton, 4% Elastane and 1% Carbon Fibre, Modaflame™ Work Stretch features added stretch for ease of movement and greater flexibility.















MODAFLAME™ WORK HV 280a

Modaflame™ Work HV is constructed as per Modaflame™ Work but is additionally certified to EN ISO 20471.

















MODAFLAME™ WORK HVO 280q

Modaflame™ Work HVO is constructed as per Modaflame™ Work but is additionally certified to EN ISO 20471 and RIS 3279.











MODAFLAME™ KNIT 200g, 300g

Constructed from an inherently fire resistant yarn of 60% Modacrylic, 39% Cotton and 1% Carbon Fibre. Modaflame™ Knit is strong, durable, and highly innovative. The high performance fibres are blended without any chemical treatment giving Modaflame™ Knit it's unparalleled soft, natural touch and appearance.















MODAFLAME™ KNIT HV 210a

Modaflame™ Knit HV is constructed as per Modaflame™ Knit but is additionally certified to EN ISO 20471.















MODAFLAME™ KNIT HVO 220g, 300g

Modaflame™ Knit HVO is constructed as per Modaflame™ Knit but is additionally certified to EN ISO 20471 and RIS 3279.













MODAFLAME™ FLEECE 280q

Modaflame™ Fleece is strong, durable inherently fire resistant fabric in a brush finish.

















MODAFLAME™ FLEECE HV 280g

Modaflame™ Fleece HV is constructed as per Modaflame™ Fleece but is additionally certified to EN ISO 20471.









ULTIMATE INHERENT FLAME PROTECTION

Araflame™ is an inherently flame resistant fabric developed for excellence, using innovative technology. The flame resistant properties are permanent and will not diminish with washing. Constructed from Meta-Aramid which provides outstanding heat and flame resistance combined with Para-Aramid for strength, Araflame™ is inherently antistatic by incorporating Carbon Fibre.









ARAFLAME™ WORK 150g

Araflame™ Work is an inherently flame resistant fabric, constructed from 93% Meta-Aramid combined with 5% Para-Aramid for strength, and 2% carbon fibre provides anti-static protection.

Flame Resistant performance exceeds international safety standards for flame, electric arc and welding protection (EN ISO 11612, EC 61482-2 and ASTM F1959.

Inherently Flame Resistant Araflame guaranteed to hold its flame resistant properties indefinitely after multiple washes.

Extremely robust Araflame will not ignite, melt or shrink when exposed to heat.

The fabric exceeds EN1149-5.

Exceptional tensile strength ensures the fabric can withstand the most challenging work environments.

This fabric has high shrink resistance and won't lose its colour after multiple washes.

Outstanding results for burn injury prediction when tested to the optional test ISO 13506 under EN ISO 11612.















ARAFLAME™ WORK HVO 260a

Araflame™ Work HVO is a highly innovative flame resistant fabric. Constructed using 57% Aramid, 42% Polyester and 1% Carbon Fibre. Araflame™ Work HVO offers the ultimate in inherent flame resistant protection with high visibility. This state of the art fabric offers full protection against multiple hazards.

Modaflame™, Araflame™, Aluflame™, Bizflame™, Bizweld™ are trademarks of Portwest®.



OPTIMUM MOLTEN IRON AND ALUMINIUM PROTECTION

Aluflame™ Work is an inherently flame resistant fabric, offering the highest possible protection against molten aluminium and molten iron. Industrial launderable, the high cotton content gives the fabric a natural soft handle for increased comfort and is intended to be used in areas where there is continuous exposure to molten aluminium (D3) and iron (E3) splashes, allowing those who deal with these hot metals to work safely in their daily working environment without sacrificing on protection.











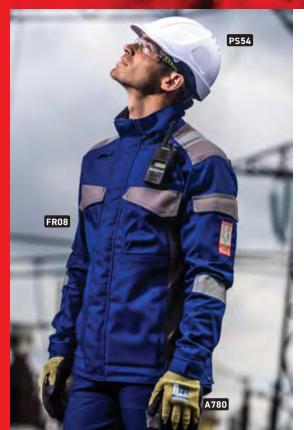


EN 190 EN 190 EN 190 F1959/ F1959/ F1959M-12

ALUFLAME™ WORK 360g

Aluflame™ work is constructed from 43% Cotton, with 30% Viscose giving a soft hand feel and aiding breathability. 20% Acrylic fibre ensures outstanding heat and flame resistance, with 6% Aramid giving exceptional strength. 1% Carbon Fibre makes the fabric inherently anti-static.







PREMIUM FLAME RESISTANCE



















350g, 280g, 210g, 160g

Bizflame™ has a proprietary flame resistant finish which, when applied to fabric, gives excellent flame resistance. All of the Bizflame fabrics use the highest quality raw materials, ensuring the perfect balance of comfort and strength.

- High ATPV on Bizflame™ fabric.
- Outstanding results for burn injury prediction when tested to the optional test ISO 13506 under EN ISO 11612.
- Anti-Static carbon fibres provide built in anti-static properties exceeding EN1149-5 standard.
- Exceptional tensile strength ensures the fabric can withstand superior job-rated abrasion and tear resistance.
- High level of breathability and moisture wicking properties provides lasting comfort for the wearer



BIZFLAME™ RAIN+ HV

Bizflame™ Rain+ HV offers multi norm protection of high visibility with excellent flame resistant properties, protection against rain and chemicals and a high ARC rating.



BIZFLAME™ RAIN

Bizflame Rain multi norm fabrics offers protection from flames, static and chemical, with the added benefit of foul weather protection



BIZFLAME™ RAIN HV

Bizflame™ Rain HV is a multi-standard fabric that is anti-static and flame resistant and is designed to offer waterproof protection against adverse weather conditions.



BIZFLAME™ WORK

BizFlameTM Work is constructed from highperformance flame resistant fabric with added carbon fibre for inherent anti-static protection. Durable and comfortable with excellent tear and tensile strength.



BIZFLAME™ WORK STRETCH

Bizflame $^{\text{TM}}$ Work Stretch combines lightweight flame resistant fabric with a high performance stretch used in key movement areas.



BIZFLAME™ WORK HV:

Bizflame™ Work HV is constructed as per Bizflame™ Work and is additionally certified to EN ISO 20471.



BIZFLAME™ INDUSTRY

Bizflame™ Industry is blended from 80% Cotton, 19% Polyester and 1% Carbon Fibre. Providing excellent abrasion, shrinkage, and colour fastness this fabric is tough enough to withstand industrial laundering.



BIZFLAME™ 88/12

Bizflame™ 88/12 guarantees high performance and maximum comfort. High cotton content gives an ultra soft handle while the nylon offers excellent abrasion and tear resistance.



BIZFLAME™ 88/12 STRETCH

Bizflame™ 88/12 Stretch is constructed with 86% Cotton, 12% Nylon and 2% Elastane. This high-performance fabric has a soft hand feel, excellent abrasion and tear resistance and added stretch comfort.



BIZFLAME™ 88/12 HV

BizflameTM 88/12 HV is constructed as per BizflameTM 88/12 and is additionally certified to EN ISO 20471.



BIZFLAME™ KNIT

High performance, smooth fabric made from 99% Cotton, 1% Carbon Fibre. Lightweight but offering outstanding protection against electric arc with a minimum ATPV rating of 10Cal/cm².



BIZFLAME™ VEST HV:

Bizflame TM Vest HV is constructed from a warp knitted Polyester, providing durable flame resistant protection. Available with 2% Carbon Fibre to make an inherently antistatic vest.



MAXIMUM FLAME AND WELDING PROTECTION







Bizweld™ is made from 100% ringspun cotton yarns offering excellent pilling resistance while guaranteeing comfort, warmth and protection for the wearer. The finish applied to the fabric ensures it will hold its flame resistant protective properties for at least 50 washes (EN standards) and 100 washes (US standards).

BizweldTM fabric is independently tested and certified to exceed the international safety standards for flame and welding protection. This fabric is globally available and is worn with confidence by thousands of workers across the oil and gas, welding and allied industries.

Outstanding flame-resistant performance exceeds international safety standards for flame & welding protection (EN ISO 11612 & EN ISO 11611).

Provides exceptional protection against radiant, convective and contact heat as well as molten metal splashes.

Provides 11.2 CAL/CM² electric arc protection.

Outstanding results for burn injury prediction when tested to the optional test ISO 13506 under EN ISO 11612.



BIZWELD™ WORK 330g

Bizweld™ Work is a flame resistant, cotton fabric, engineered for maximum performance, comfort and durability that has been rigorously tested to ensure compliance with the latest international standards.



MARKET LEADING COMPONENTS AND DESIGN FEATURES

Portwest use the latest research and technology, coupled with premium fabrics and components to guarantee complete worker protection against heat and flame.



FLAME RESISTANT LABELLING

All flame resistant garments are clearly labelled showing all of the certified standards the garment has achieved. Ensuring that the protection level of the wearer is easily identifiable in the workplace.



HiVisTex PRO

HIVISTEX™ PRO FR REFLECTIVE TAPE

HiVisTex™ PRO retroreflective flame resistant tape offers excellent freedom of movement due to its segmented construction, and is fully tested and certified to international flame resistance standards. Lightweight and flexible, this high-performance heat applied tape offers excellent reflectivity.





FLAME RESISTANT INDUSTRIAL WASH REFLECTIVE TAPE

Sewn on flame resistant reflective tape suitable for industrial washing. Tape is twin stitched on garments offering maximum security and durability.



FLAME RESISTANT FEATURES



FLAME RESISTANT SEWING THREAD

Durable flame resistant sewing thread for added protection and safety



TWO WAY BRASS ZIPS

Durable, strong and long lasting brass zips ideal for non-static environments



ADJUSTABLE LEG LENGTH

Adjustable hem to accommodate all leg lengths



NON METAL ZIPS

Suitable for hazardous environments that present potential risks from static electricity and damage to surfaces



TRIPLE STITCHED SEAMS

Triple-stitched seams for extra durability



FLAME RESISTANT RIBBED CUFF

Flame resistant ribbed cuff for added safety



ADJUSTABLE HOOK AND LOOP CUFFS

Fully adjustable hook and loop cuffs giving a secure fit and maximum wearer comfort



ADJUSTABLE ELASTICATED BACK WAIST

Adjustable elastic on inside back waist for a secure fit



LAYERING ARC FLASH GARMENTS RESULTS IN HIGHER ATPV PROTECTION.

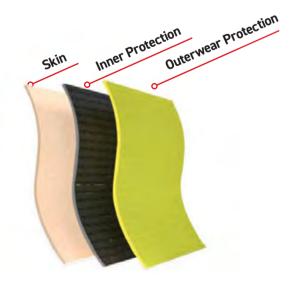
THE POWER OF LAYERING

When two or more electric arc flash protective garments are worn in combination, a higher level of arc flash protection is achieved. When wearing layers, a layer of air with a naturally low electrical conductivity is trapped between each garment, this helps to increase the overall insulation and protection.

The total Arc Thermal Protective Value (ATPV) of layered arc flash garments cannot be worked out by adding the ATPV of each garment, because of the additional layer of air, it may be higher than the sum of the ATPV of each garment. The following page details different combinations of our garments that we have tested to demonstrate their total ATPV protection when worn together.

ADDITIONAL BENEFITS OF LAYERING

Layering provides increased comfort and it also allows for the wearer to adjust their level of protection based on the task.





FR10



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²

FR25

BIZ2

ELIM: 8.6 cal/cm² ATPV: 9.8 cal/cm²





FR11



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²



ELIM 8.3cal/cm² ATPV 10.9calcm²







FR10



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²



ELIM: 6.4 cal/cm² ATPV 6.8 cal/cm²





FR10



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²



ELIM: 5.9 cal/cm² ATPV: 5.5 cal/cm²





FR12



ELIM: 9.2 cal/cm² ATPV: 15 cal/cm²





ELIM: 25 cal/cm² ATPV: 29 cal/cm²





FR11



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²





ELIM: 3.8 cal/cm² ATPV: 4.5 cal/cm²





FR77



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²

MV25



ELIM: 6.4 cal/cm² ATPV 6.8 cal/cm²





FR10



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²





ELIM: 8.3 cal/cm² ATPV: 10.9 cal/cm²







FR12



ELIM: 9.2 cal/cm² ATPV: 15 cal/cm²

FR50



ELIM: 8.6 cal/cm² ATPV: 9.8 cal/cm²





FR89



ELIM: 9.1 cal/cm² ATPV: 11 cal/cm²





ELIM: 11 cal/cm² ATPV: 16 cal/cm²





FR11



ELIM: 4.4 cal/cm² EBT: 5.5 cal/cm²



ELIM: 9 cal/cm2 ATPV: 9.7cal/cm2







FR96



ELIM: 8.2 cal/cm² ATPV: 8.7 cal/cm²

MV72



ELIM: 11 cal/cm² ATPV: 16 cal/cm²









ARC RATING FOR SINGLE GARMENTS

BRAND STILL DISCRIPTION WIGHT PAGE Californ's Californ's								IEC	61482-2		NFPA70E	E
Marchane Work 173 And Company 174 And Company 174 And Company 175 An										IEC 61482-1-2		
And Time Work AF39		BRAND	STYLE	DESCRIPTION	WEIGHT	PAGE	ELIM	ATPV	EBT	APC	ATPV	PPE
Machane Work No. Modulation Wide No. Modulation Str. Modulation Wide No. Modul		Araflame Work	AF53	Araflame Gold Coverall	150g	276			(Cat/Ciii)	(Class I UI Z)		1
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Modalimer Work NO MOS Modalimer Rich Comman 2009 259 7 8 1 8.1 2		Modaflame Work HVO	MV35	Modaflame RIS Orange/Navy Jacket	-	256	7	8		1	8.1	2
Meadlame Work NO MVP1		Modaflame Work HVO	MV36		-	256	7	8		1	8.1	2
Modalame Work NVO MVO Modalame Rick No. MVO Modalame Work NVO RPAI Modalame Vive NVO RPAI Modalame Vive NVO RPAI MVO Modalame Vive NVO RPAI MVO		Modaflame Work HVO	MV91		-	257	7	8		1	8.1	2
Meditamer Work HVO PRIADE 2007 FR HVO More Transers 2007 2009 2009 7 8 1 1					-					1		2
Modulariane Work HIP FRATS WIT FERNIO Devices Trouvers 3309 225 77 8 1		Modaflame Work HVO	FR414		-	249	7	8		1		
Modulame Work NPU F8097 WAI FRIVING Lowest 10 10 10 10 10 10 10 1		Modaflame Work HVO	FR415	PW3 FR HVO Holster Trousers	-	255	7	8		1		
Modelfame Work H70		Modaflame Work HVO	FR509	PW3 FR HVO Coverall	-	255	7	8		1		
Modulame Work FMAD2 WGS FR Work Investors 2989 241 6.4 6.8 1 8.4 2		Modaflame Work HVO	FR722	PW3 FR HV0 Work Jacket	-	249	7	8		1		
Modularien Work FAMO2 WAS PR Coverable 280g 261 6.4 6.8 1 8.4 2		Modaflame Work	FR602	WX3 FR Work Jacket	-	261	6.4	6.8		1	8.4	2
Modufame Work F8605 WG3 FR Doverall 2009 242		Modaflame Work	FR402	WX3 FR Service Trousers	-	261	6.4	6.8		1	8.4	2
Modufame Work HV MV25 H-V-Vis Modufame Trousers 280g 288 6.4 6.8 1 8.4 2		Modaflame Work	FR503	WX3 FR Coverall	-	262	6.4	6.8		1	8.4	2
Modufamer Work HV MV25 H-Vis Modufame Jacket 220g 258 6.4 6.8 1 8.4 2		Modaflame Work	FR405	WX3 FR Bib and Brace	-	262	6.4	6.8		1	8.4	2
Modufation Work HV MV26 Hi-Vis Modufation Trousers 280g 299 6.4 6.8 1 8.4 2		Modaflame Work HV	MV25	Hi-Vis Modaflame Jacket	-	258	6.4			1	8.4	2
Modaffame Work HV MV28 Hi-Vis Modaffame Trousers 280g 259 6.4 6.8 1 8.4 2	H											2
Modaffame Work HV M/28 Hi-Vis Modaffame Coveralt 286g 259 6.4 6.8 1 8.4 2												2
Moduffame Work N	Z				-							2
Modaffame Work HV FR460 PMS FR HI-Vis Hotster Trousers 280g 250 6.4 6.8 1					-	-						2
Modaflame Work HV FR407 PW3 FR HI Vis Class 1 Holster Trousers 280g 253 6.4 6.8 1	ī				-					1		
Modaflame Work HV					-					1		
Modaflame Work HV	œ				-							
Modaflame Work HV	Ш			PW3 FR Hi-Vis Women's Work Trousers	-					1		
Modaflame Work HV										1		
Modaflame Knit HV FR715 PW3 FR Hi-Vis Women's Work Jacket 280g 251 6.4 6.8 1	4	Modaflame Work HV	FR714	PW3 FR Hi-Vis Work Jacket		250	6.4			1		
Modaflame Knit HV		Modaflame Work HV	FR715	PW3 FR Hi-Vis Women's Work Jacket	-	251	6.4	6.8		1		
Modaflame Knit HV FR703 Flame Resistant KliS Sweatshirt 210g 267 4.4 5.5 1 4.3 1		Modaflame Knit HVO	FR76	Flame Resistant RIS Polo Shirt	220g	266	6	6.4		1	6	1
Modaflame Knit HV		Modaflame Knit HV	FR703	Flame Resistant RIS Sweatshirt	300g	264	8	8.9		1		
Modaflame Knit HV	5	Modaflame Knit HV	FR74	Flame Resistant Anti-Static Two Tone Polo Shirt	210g	267	4.4	5.5		1	4.3	1
Modaflame Knit HV		Modaflame Knit HV	FR72	Flame Resistant Anti-Static Hi-Vis Sweatshirt	300g	265	9.2	15		1	16	2
Modaflame Knit HV FR701 PW3 Flame Resistant Hi-Vis T-Shirt 210g 26		Modaflame Knit HV	FR716	PW3 Flame Resistant Class 1 Sweatshirt	300g	264	9.2	15		1	16	2
Modaflame Knit HV FR701 PW3 Flame Resistant Hi-Vis T-Shirt 210g 26	Щ	Modaflame Fleece HV	FR31	Flame Resistant Anti-Static Hi-Vis Fleece	280g	265	5.9		6.4	1		
Modaflame Knit HV FR701 PW3 Flame Resistant Hi-Vis T-Shirt 210g 26	=	Modaflame Knit HV	FR96	FR Hi-Vis Long Sleeve T-Shirt	280g	268	8.2	8.7		1	9	2
Modaflame Knit HV FR702 PW3 Flame Resistant Hi-Vis Polo Shirt 210g 266 4.4 5.5 4.3 1 Modaflame Knit FR11 Flame Resistant Anti-Static Long Sleeve F-Shirt 200g 272 4.4 5.5 1 4.3 1 Modaflame Knit FR711 WX3 Flame Resistant Anti-Static Logglings 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR12 Flame Resistant Anti-Static Loggliges 200g 272 4.4 5.5 1 4.3 1 Modaflame Knit FR12 Flame Resistant Anti-Static Long Sleeve Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Fielecce FR30 Fla	=	Modaflame Knit HV	FR77	Flame Resistant Anti-Static Hi-Vis Long Sleeve Polo Shirt	210g	267	4.4	5.5		1	4.3	1
Modaflame Knit FR11 Flame Resistant Anti-Static Long Sleeve T-Shirt 200g 272 4.4 5.5 1 4.3 1 Modaflame Knit FR711 WX3 Flame Resistant Anti-Static Long Sleeve Polo 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR14 Flame Resistant Anti-Static Long Sleeve Sweatshirt 300g 270 9.2 15 1 4.3 1 Modaflame Knit FR12 Flame Resistant Anti-Static Long Sleeve Polo Shirt 300g 269 9.2 15 1 16 2 Modaflame Knit FR10 FR810 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 1 16 2 Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt with 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR Zipi Front Hooded Sweatshirt 300g 269 9.2 15 1 1 4.3 1		Modaflame Knit HV	FR701	PW3 Flame Resistant Hi-Vis T-Shirt	210g	268	4.4	5.5			4.3	1
Modaftame Knit FR711 WX3 Flame Resistant Long Sleeve Polo 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR14 Flame Resistant Anti-Static Leggings 200g 272 4.4 5.5 1 4.3 1 Modaflame Knit FR12 Flame Resistant Anti-Static Long Sleeve Sweatshirt 300g 270 9.2 15 1 16 2 Modaflame Knit FR710 WX3 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 16 2 Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Knit FR81		Modaflame Knit HV	FR702	PW3 Flame Resistant Hi-Vis Polo Shirt	210g	266	4.4	5.5			4.3	1
Modaflame Knit FR14 Flame Resistant Anti-Static Leggings 200g 272 4.4 5.5 1 4.3 1 Modaflame Knit FR12 Flame Resistant Anti-Static Long Sleeve Sweatshirt 300g 270 9.2 15 1 16 2 Modaflame Knit FR10 WX3 Flame Resistant Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR 20 FR Anti-Static Balaclava 400g 273 5.9 6.4 1 1 6 2		Modaflame Knit	FR11	Flame Resistant Anti-Static Long Sleeve T-Shirt	200g	272	4.4	5.5		1	4.3	1
Modaflame Knit FR12 Flame Resistant Anti-Static Long Sleeve Sweatshirt 300g 270 9.2 15 1 16 2 Modaflame Knit FR710 WX3 Flame Resistant Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tage 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 4.3 1 Modaflame Fleece FR80 Flame Resistant Anti-Static Fleece 280g 270 5.9 6.4 1 Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273 6.4 1 Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 2 2		Modaflame Knit	FR711	WX3 Flame Resistant Long Sleeve Polo	200g	271	4.4	5.5		1	4.3	1
Modaflame Knit FR710 WX3 Flame Resistant Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 1.6 2 Modaflame Fleece FR30 Flame Resistant Anti-Static Fleece 280g 270 5.9 6.4 1 Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273 5.9 6.4 1 Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 2 2 2 Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 3 16 2 <		Modaflame Knit	FR14	Flame Resistant Anti-Static Leggings	200g	272	4.4	5.5		1	4.3	1
Modaflame Knit FR10 Flame Resistant Anti-Static Long Sleeve Polo Shirt 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 1.6 2 Modaflame Fleece FR30 Flame Resistant Anti-Static Fleece 280g 270 5.9 6.4 1 Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273 6.4 1 Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 6.4 1 Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 8 16 2 Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 8 9 2 Modaflame Rain + HV MV70 Modaflame Rain Multi		Modaflame Knit	FR12	Flame Resistant Anti-Static Long Sleeve Sweatshirt	300g	270	9.2	15		1	16	2
Modaflame Knit FR03 Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape 200g 271 4.4 5.5 1 4.3 1 Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Fleece FR30 Flame Resistant Anti-Static Fleece 280g 270 5.9 6.4 1		Modaflame Knit	FR710	WX3 Flame Resistant Sweatshirt	300g	269	9.2	15		1	16	2
Modaflame Knit FRU3 Reflective Tape 2009 271 4.4 5.3 1 4.3 1 Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Fleece FR30 Flame Resistant Anti-Static Eleece 280g 270 5.9 6.4 1 Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273		Modaflame Knit	FR10	-	200g	271	4.4	5.5		1	4.3	1
Modaflame Knit FR81 FR Zip Front Hooded Sweatshirt 300g 269 9.2 15 1 16 2 Modaflame Fleece FR30 Flame Resistant Anti Static Fleece 280g 270 5.9 6.4 1 Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273 8 6.4 1 Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 8 9 2 2 2 Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 8 9 16 2 Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 9 16 2 Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Softshell HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell MV73 Modaflame Softshell Jacket 3		Modaflame Knit	FR03		200g	271	4.4	5.5		1	4.3	1
Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273 22 2 Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 22 2 Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 16 2 Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 16 2 Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Rain + HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2		Modaflame Knit	FR81		300g	269	9.2	15		1	16	2
Modaflame Knit FR18 Flame Resistant Anti-Static Balaclava 400g 273 22 2 Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 22 2 Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 16 2 Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 16 2 Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Rain + HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2									6.4			
Modaflame Knit FR19 Flame Resistant Anti-Static Neck Tube 400g 273 2 2 2 Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 16 2 Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 16 2 Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Rain + HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2											22	2
Modaflame Knit FR09 FR Anti-Static Balaclava 300g 273 16 2 Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 16 2 Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Rain + HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell Jacket 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2						273					22	2
Modaflame Knit FR20 FR Anti-Static Balaclava Hood 300g 273 16 2 Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Rain + HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell Jacket 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2			FR09			273					16	2
Modaflame Rain + HV MV70 Modaflame Rain Multi Norm Arc Jacket 350g 244 32 39 2 Modaflame Rain + HV MV71 Modaflame Rain Multi Norm Arc Trousers 350g 245 32 39 2 Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell Jacket 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2					-	273						2
Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell Jacket 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2		Modaflame Rain + HV	MV70	Modaflame Rain Multi Norm Arc Jacket		244	32	39		2		
Modaflame Softshell HV MV72 Modaflame Multi Norm Arc Softshell Jacket 350g 246 11 16 2 Modaflame Softshell MV73 Modaflame Softshell Jacket 350g 246 11 16 2 Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2		Modaflame Rain + HV	MV71	Modaflame Rain Multi Norm Arc Trousers	350g	245	32	39		2		
Modaflame Softshell FR704 WX3 FR Softshell 350g 247 11 16 2		Modaflame Softshell HV	MV72	Modaflame Multi Norm Arc Softshell Jacket		246	11	16		2		
		Modaflame Softshell	MV73	Modaflame Softshell Jacket	350g	246	11	16		2		
Aluflame Work FR64 FR Molten Metal Trousers 360g 279 8.1 1 13		Modaflame Softshell	FR704	WX3 FR Softshell	350g	247	11	16		2		
		Aluflame Work	FR64	FR Molten Metal Trousers	360g	279	8.1			1	13	
Aluflame Work FR65 FR Molten Metal Jacket 360g 279 8.1 1 13		Aluflame Work	FR65	FR Molten Metal Jacket	360g	279	8.1			1	13	



ARC RATING FOR SINGLE GARMENTS

							IEC	61482-2		NFPA70	JΕ
	Bizflame 88/12 Bizflame 88/12 HV Bizflame Work Bizflame Rain HV Bizflame Rain HV Bizflame Rain HV Bizflame Work						EC 61482-1-	 I	IEC 61482-1-2	ASTM F1959	
	BRAND	STYLE	DESCRIPTION	WEIGHT	PAGE	ELIM (cal/cm²)	ATPV (cal/cm²)	EBT (cal/cm²)	APC (Class 1 or 2)	ATPV (cal/cm²)	PPE CAT
	Bizflame 88/12	FR89	Bizflame 88/12 FR Shirt	237g	319	9.1	11			8.2	2
	Bizflame 88/12 HV	FR95	Bizflame 88/12 FR Hi-Vis Shirt	237g	319					9	2
	Bizflame Work HV	FR61	Hi-Vis Multi-Norm Jacket	345g	293	13	14		1	13.6	2
	Bizflame Work HV	FR62	Hi-Vis Multi-Norm Trousers	345g	293	13	14		1	13.6	2
	Bizflame Work HV	FR60	Hi-Vis Multi-Norm Coverall	345g	294	13	14		1	13.6	2
	Bizflame Work HV	FR63	Hi-Vis Multi-Norm Bib and Brace	345g	295	13	14		1	13.6	2
	Bizflame Work	FR80	Multi-Norm Coverall	345g	295	13	14		1	13.6	2
	Bizflame Rain HV	FR79	Bizflame Rain+ Hi-Vis Arc Jacket	380g	292	43	55		1		2
	Bizflame Rain HV	FR410	Bizflame Rain+ Hi-Vis Light Arc Trousers	420g	281	25	29		1		2
	Bizflame Rain HV	FR605	Bizflame Rain+ Hi-Vis Light Arc Jacket	420g	281	25	29		1		2
	Bizflame Work	FR501	Bizflame Work Stretch Panelled Coverall	350g	303	8.6	9.8		1	13.6	2
	Bizflame Work	FR502	Bizflame Work Lightweight Stretch Panelled Coverall	210g	303	9	9.7				
	Bizflame Work	FR601	Bizflame Work Lightweight Stretch Panelled Jacket	210g	302	9	9.7				
	Bizflame Work	FR401	Bizflame Work Lightweight Stretch Panelled Trousers	210g	302	9	9.7				
H	Bizflame Work	FR21	Flame Resistant Super Light Weight Anti-Static Coverall 210g	210g	309					9.1	2
Ż	Bizflame Work	FR412	FR Lightweight Anti-Static Trousers	210g	321	9	9.7				2
4	Bizflame Work	FR720	FR Lightweight Anti-static Shirt	210g	318	9	9.7				2
SISTA	Bizflame Work	FR22	Insect Repellent Flame Resistant Coverall	210g	310					9.1	2
ių.	Bizflame Work	FR34	FR Standard Coat	210g	311					9.1	2
Ш	Bizflame Work	FF50	Aberdeen FR Coverall	350g	307	8.6	9.8		1	13.6	2
œ	Bizflame Work	FR50	Flame Resistant Anti-Static Coverall 350g	350g	306	8.6	9.8		1	13.6	2
ME	Bizflame Work	FR51	Bizflame Work Women's Coverall 350g	350g	310	8.6	9.8		1	13.6	2
₽	Bizflame Work	FR55	Bizflame Work Jacket	350g	314	8.6	9.8		1	13.6	2
7	Bizflame Work	FR56	Bizflame Work Trousers	350g	315	8.6	9.8		1	13.6	2
Ш	Bizflame Work	FR57	Bizflame Work Bib and Brace	350g	315	8.6	9.8		1	13.6	2
	Bizflame Work	FR25	Bizflame Work Jacket	350g	312	8.6	9.8		1	13.6	2
믵	Bizflame Work	FR26	Bizflame Work Trousers	350g	313	8.6	9.8		1	13.6	2
⋖	Bizflame Work	FR27	Bizflame Work Bib and Brace	350g	313	8.6	9.8		1	13.6	2
RE	Bizflame 88/12 Stretch	FR404	FR Stretch Trousers	350g	321					12	2
Ë	Bizflame Industry	FR68	Bizflame Industry Jacket	340g	300	11	13		1	16	2
	Bizflame Industry	FR66	Bizflame Industry Trousers	340g	300	11	13		1	16	2
	Bizflame Industry	FR93	Bizflame Industry Coverall	340g	301	11	13		1	16	2
	Bizflame Industry	FR08	Bizflame Industry Two Tone Jacket	340g	298	11	13		1	16	2
	Bizflame Industry	FR06	Bizflame Industry Two Tone Trousers	340g	299	11	13		1	16	2
	Bizflame Industry	FR07	Bizflame Industry Two Tone Bib and Brace	340g	299	11	13		1	16	2
	Bizflame Knit	FR32	FR Anti-Static Henley	237g	322	13	15			10	2
	Bizflame Knit	FR33	FR Anti-Static Crew Neck	237g	322	13	15			10	2
	Bizweld Work	BZ506	Bizweld Classic Coverall	330g	329	8.3	10.9			11.2	2
	Bizweld Work	BIZ1	Bizweld FR Coverall	330g	327	8.3	10.9			11.2	2
	Bizweld Work	BIZ5	Bizweld Iona FR Coverall	330g	325	8.3	10.9			11.2	2
	Bizweld Work	BIZ2	Bizweld Jacket	330g	326	8.3	10.9			11.2	2
	Bizweld Work	BZ30	Bizweld Trousers	330g	326	8.3	10.9			11.2	2
	Bizweld Work	BZ13	Bizweld Iona Jacket	330g	324	8.3	10.9			11.2	2
	Bizweld Work	BZ14	Bizweld Iona Trousers	330g	324	8.3	10.9			11.2	2
	Bizweld Work	BZ17	Bizweld Iona Bib and Brace	330g	325	8.3	10.9			11.2	2
	Bizweld Work	BZ31	Bizweld FR Cargo Trousers	330g	328	8.3	10.9			11.2	2
	Bizweld Work	BIZ4	Bizweld Bib and Brace	330g	327	8.3	10.9			11.2	2
	Bizweld Work	BIZ6	Bizweld Hooded Coverall	330g	329	8.3	10.9			11.2	2
	Bizweld Work	BZ12	Bizweld Cape Hood	330g	331					11.2	2
	Bizweld Work	BZ11	Bizweld Sleeves	330g	331					11.2	2

HEAT AND FLAMES



Heat exposure can occur through either; direct contact (conduction), liquids and gas including air (convection) or through electromagnetic waves (radiation). Flame risk is caused from exposure to the stream of hot, burning gas from something on fire (flames). Accidental splattering or spraying of molten metal is also a workplace risk factor.

WHO IS AT RISK?

Workers in industries including: electrical utilities, petrochemical, transportation road and rail, metalworking, foundries, cement works and craftspeople.

INJURIES

Burn injuries can range from mild to severe and they can even be fatal.



STANDARDS



EN ISO 11612 protective clothing where there is a need for clothing with limited flame spread properties.

THE TEST

MV70

MV71

MV72

You must pass either A1 or A2 tests AND one other from B, C, D, E or F

TEST	TYPE	LEVELS
A1 or A2	Limited flame spread*	
В	Convective heat	3 levels
С	Radiant heat	4 levels
D	Molten aluminium splash	3 levels
Е	Molten iron splash	3 levels
F	Contact heat	3 levels

Optional testing and manikin testing for overall burn prediction..

*This test must be carried out on fabric and seams

EN ISO 14116 LIMITED FLAME SPREAD

EN ISO 14116

Protective clothing to protect against occasional and brief contact with small igniting flames reducing the possibility of the clothing burning and thereby itself constituting a hazard.

THE TEST

Three different categories for flame spread, Index 1, 2 and 3 as detailed below:

DECLUDEMENTS

Index	REQUIREMENTS
	No flame spread
1	No flaming debris
	No afterglow shall spread
	No flame spread
,	No flaming debris
2	No afterglow shall spread
	No hole shall form
	No flame spread
	No flaming debris
2	No afterglow shall spread
3	No hole shall form
	The afterflame must last no longer than 2 seconds

WELDING



accidental contact with electrical conductors.

WHO IS AT RISK?

Those working in welding and allied processes.

INJURIES

Burns from fire, sparks, or flammable material, infrared radiation exposure and electrocution.

STANDARDS



EN ISO 11611 Protective clothing for use in welding and allied processes

THE TEST

The standard specifies two classes with specific performance requirements.

Class 1 is protection against less hazardous welding techniques and situations, causing lower levels of spatter and radiant heat.

Class 2 is protection against more hazardous welding techniques and situations, causing higher levels of spatter and radiant heat.



FLASH FIRE

THE RISK

Flash Fire is a sudden, intense fire which is short in duration but severe in potential danger.

FR89

BZ31

FD02

WHO IS AT RISK?

Workers in industries prone to flash fires include oil and gas, refineries, extraction and pipeline services, gas utility services, petrochemical plants, mining, and metal or glass foundries.

INJURIES

Severe burn injuries

STANDARDS

NFPA® 2112 E

The NFPA® 2112 standard on Flame Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire.

THE TEST

Flame resistant fabrics must pass a comprehensive list of thermal tests, including the following:

- ASTM F2700 Heat Transfer Performance (HTP) Test This test is a measure of the unsteady state heat transfer properties of garment materials.
- ASTM D6413 Vertical Flammability (Flame Resistance) Test This test is used to determine how easily fabrics ignite and continue to burn once ignited.
- Thermal Shrinkage Resistance Test This test measures a fabrics resistance to shrinkage when exposed to heat.
- Heat Resistance Test This test measures how fabrics and components react to the high heat that could occur during a flash fire.
- ASTM F1930-11 Thermal Manikin Test This test provides an overall evaluation
 of how the fabric performs in a standardized coverall design after three-second
 thermal exposure.
- FTMS 191A Thread melting resistance Thread used in flame resistant garments must withstand temperatures of up to 500°F.



CHEMICAL

THE RISK

Risk of potential exposure to a light chemical spray, liquid aerosols or low pressure, low volume chemical splashes against which a complete liquid permeation barrier is not required.

PS55 PS55 FR08

WHO IS AT RISK?

Workers in industrial, mining and agricultural settings, and those working in petrochemistry, energy, refinery, maintenance and offshore sectors.

INJURIES

Eye or skin irritation, chemical burns, problems swallowing, headaches, stomach problems.

STANDARDS



EN 13034 LIQUID CHEMICALS

Protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment).

The standard covers both chemical protective units (Type 6) and partial body protection (Type PB[6]).

THE TEST

Type 6 suits are tested using a fine spray of dye. The test subject wears an absorbent suit underneath the one to be tested, which absorbs any leaks and is stained by the dye. Success or failure is determined by measuring the total area of any stains on suits tested.

A range of other tests is specified, including resistance to abrasion, tear strength, tensile strength, resistance to puncture, resistance to ignition, resistance to penetration by liquid chemicals and seam strength.



ELECTRIC ARC FLASH



An Electric Arc and the resulting Arc Flash is the rapid and dangerous release of energy due to an electrical arcing fault. The extreme heat creates a large amount of thermal radiant energy and produces electrical shock. The risk occurs when working both at low and high voltage.

WHO IS AT RISK?

Those working with and around low and high voltage electricity.

INJURIES

Thermal burns, hearing loss, blindness, nerve damage, cardiac arrest, shrapnel injury (blast) and potential death.

STANDARDS

IEC 61482-2





IEC 61482-2 protective clothing against the thermal arc hazards of an electric arc.

THE TEST

The standard has 2 test methods, to comply with the standard either or both tests must be carried out.

OPEN ARC METHOD IEC 61482-1-1

The open arc test method is used to determine the thermal insulating properties of a fabric when exposed to the energy of an electric arc. All results are in cal/cm² the higher the value, the greater the protection. There are 3 possible values determined during this test method::

ATPV is the maximum incident energy that protective garment can be exposed to before the wearer would have a 50% probability of 2nd degree burns.

EBT is the incident energy on a material that results in a 50% probability of breakopen.

ELIM (Incident Energy Limit): This value is the highest incident thermal energy to which the garment can be exposed with a 0% risk of the wearer getting a second-degree burn injury.

BOX TEST METHOD IEC 61482-1-2

MV71

FD15

During the test the specimen is exposed to an electric arc, simulating typical exposure conditions for a short circuit current, confined in a box for 0.5 seconds.

- For APC 1, the specimen is exposed to a current of 4 kA (400 V, 168 kJ)
- For APC 2, the specimen is exposed to a current of 7 kA (400V, 320 kJ)





ELECTRICAL SAFETY IN THE WORKPLACE

NFPA® 7DE electrical safety related work practices for workplaces and requires employees working on or near energized parts and equipment to wear flame resistant clothing that meets the requirements of ASTM F1506.

THE TEST

NFPA 70E standard provides table 130.7(C)(16) as a guideline for the selection of protective apparel when working within the arc flash boundary. The higher the ARC rating value, the greater the protection.

ARC 1 (which is low risk)

ARC 4 (which is high risk and requires FR clothing with a minimum arc rating of 40).

ARC RATED PPE	CLOTHING DESCRIPTION	REQUIRED MINIMUM ARC RAT- ING DF PPE/CAL/ CM2
ARC	1 ARC: Arc rated FR Shirt and FR pants or FR Coverall	4
2 ARC	2 ARC: Arc rated FR Shirt and FR pants or FR Coverall	8
3 ARC	3 ARC: Arc rated FR Shirt and FR pants or FR Coverall, and arc flash suit selected so that the system arc rating meets the required minimum	25
ARC	4 ARC: Arc rated FR Shirt and FR pants or FR Coverall and arc flash suit selected so that the system arc rating meets the required minimum	40

ASTM F1959/F1959M

ASTM F1959/F1959M is the test method for determining the ARC rating of materials for clothing.





4

STATIC ELECTRICITY

THE RISK

An electrical charge caused by an imbalance of electrons on the surface of a material.

WHO IS AT RISK?

Static electricity is an invisible hazard in many production, manufacturing, industrial and (ATEX) explosive environments.

INJURIES

Minor discomfort to serious harm such as burns, falls and cardiac arrest.

STANDARDS

EN 1149
ELECTROSTATIC PROPERTIES



EN 1149 standard specifies a test method for materials to be used in the production

of protective clothing with electrostatic dissipation for preventing incendiary discharge.

THE TEST

EN1149 - 1 Test method for measure of surface resistivity.

EN1149 - 3 Test method for measurement of charge decay.

EN1149 - 5 Material performance and design requirements.







LAUNDERING OF FR FABRICS

THE FLAME RESISTANT FINISH IS RETAINED FOR THE NORMAL LIFE CYCLE OF THE GARMENT PROVIDED THAT THE CARE INSTRUCTIONS ARE ADHERED TO.



WASHING / DRYING PROCEDURE:

Pre-treatment:

If stains are difficult to remove, they can be treated before putting into the washing machine with a liquid soap applied directly to stains and lightly rubbed. Heavier and stubborn stains should be pretreated with a commercial stain removal product at the earliest opportunity and sufficient time allowed for the pre-treatment to penetrate and loosen the stain. Never use chlorine bleach or washing detergents containing bleach as these may discolour and will reduce the flame resistance properties of the fabric. Fabric softeners, starches and other laundry additives are not recommended as they can mask the flame resistance performance and may also act as a fuel in case of combustion.

WASHING:

Always wash contaminated workwear separately, do not mix with non workwear.

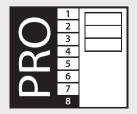
Flame Resistant fabric can usually be washed at high temperatures however it is the components (ie. the reflective tape, badging, etc.) on a finished garment that dictates the maximum washing temperature that the garment can be washed at. Always follow the washing temperature on the garment label. Always wash and dry garments inside out to minimize surface abrasion and help maintain the surface appearance of the fabric. Zips should be closed during washing.

LOAD SIZE:

To ensure a more efficient, cleaner wash, avoid overloading the machine so the garments can move freely through the wash and rinse cycles.

DRYING:

Tumble drying is not usually recommended as the temperature used is often too high and can cause garment shrinkage. It is vital that cotton or cotton mix garments are not over dried. Over drying is the main cause of excessive garment shrinkage. Do not hang in direct sunlight. This can cause fading.



INDUSTRIAL LAUNDERING:

Portwest styles labelled with a 'PRO' symbol are suitable for industrial laundering according to ISO 15797.

ISO 15797 is the international standard specifying the industrial washing and finishing procedures that a product can withstand.

All Portwest industrial launderable products marked with the EN ISO 15797 label, are tested according to washing procedure 8, for coloured workwear, that can tolerate tunnel finishing.

THE FLAME RESISTANT FINISH IS RETAINED FOR THE NORMAL LIFE CYCLE OF THE GARMENT PROVIDED THAT THE CARE INSTRUCTIONS ARE ADHERED TO.

FLAME ENGULFMENT MANIKIN TEST

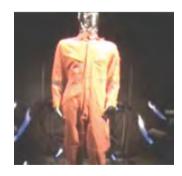
Portwest's technical flame resistant products have been tested to the highest international safety standards including ISO 13506, the manikin flame engulfment test.



(A)

Portwest invests heavily in our ground breaking research and testing programme and work closely with notified bodies, such as **BTTG** and **AITEX**, who independently verify our results.

In order to ensure even higher levels of safety for the user, the **manikin test subjects** the product to extreme conditions, proving that **Portwest flame resistant garments** offer the **highest protection** in the market.







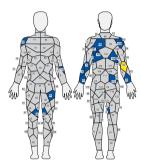
In the face of the most extreme conditions wearers can always rely on the unparalleled protection of Portwest's heat and flame resistant products.

CONFIDENCE | TRUST | RELIABILITY | PROTECTION | SAFETY



UNDERSTANDING MANIKIN TEST RESULTS

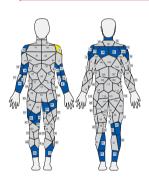
Following flame exposure, a body map is created, which uses colour coding to indicate the burn injury prediction results



FR50 + FF50

- Pain (12.3%)
- 1st° Burn (0.9%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)

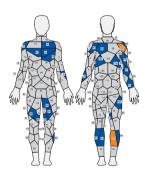
Burn Injury Prediction 0.0%



FR63 + FR61

- Pain (20.0%),
- 1st° Burn (1.0%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)

Burn Injury Prediction 0.0%



FR28

- Pain (19.3%)
- 1st° Burn (0.0%)
- 2nd° Burn (1.8%)
- 3rd° Burn (0.0%)

Burn Injury Prediction 1.8%

BEST IN CLASS BURN INJURY PREDICTION RESULTS

Continuous investment in product testing is central to our product development approach as it offers reliable validation of our ongoing commitment to wearer comfort and safety.

12	1000		600
TABL	E OF	RESI	JLTS

		1st° Burn	2nd° Burn	3rd° Burn	Burn Injury Prediction
	FR50/FF50	0.9%	0.0%	0.0%	0.0%
	FR60	2.6%	0.9%	0.0%	0.9%
	FR28	0.0%	1.8%	0.0%	1.8%
	FR21	6.0%	19.0%	0.0%	19.0%
	AF53/AF73	3.5%	7.0%	1.8%	8.8%
	AF22	0.0%	5.3%	0.9%	6.2%
	FR55/FR56	2.0%	3.0%	0.0%	3.0%
	FR55/FR57	1.0%	0.0%	0.0%	0.0%
ŧ.	FR25/FR26	2.0%	3.0%	0.0%	3.0%
9	FR25/FR27	1.0%	0.0%	0.0%	0.0%
d	FR61/FR62	0.0%	0.0%	0.0%	0.0%
	FR61/FR63	1.0%	0.0%	0.0%	0.0%
	BIZ1	0.9%	1.8%	0.0%	1.8%
	BIZ2 / BZ30	0.0%	4.4%	0.9%	5.3%

FABRIC REFERENCE CHART - INHERENTLY FLAME RESISTANT

BRAND	STYLE	PRODUCT DESCRIPTION	PAGE	FABRIC COMPOSITION	WEIGHT	
Araflame Work	AF53, AF73	Coverall	276, 277	93% Meta Aramid, 5% Para Aramid, 2% Carbon Fibre	150gm	
Araflame Work HVO	AF91	Coverall	275	57% Aramid, 42% Polyester, 1% Carbon Fibre	260gm	
Aluflame Work	FR64, FR65	Jacket, Trouser	279	43% Cotton, 30% Viscose, 20% Acrylic, 6% Para Aramid, 1% Carbon Fibre	360g	
Modaflame Work HV	MV25, MV26,MV46,	Jacket, Trouser, Coverall	258, 259	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	
Modaflame Work HV	MV28 FR714, FR406, FR715,	Jacket, Trouser, Coverall	250, 251,	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	
Modaflame Work	FR409, FR507 MX28	Coverall	254 263	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	
Modaflame Work HV	FR407, FR416	Trouser	252, 253	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	
Modaflame Work	FR602, FR402, FR503,	Jacket, Trouser, Coverall	261, 262		280gm	
Modaflame Work HVO	FR405 MV29, MV91	Bib and Brace Coverall	257	61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre	300gm	
Modaflame Work HVO	MV35, MV36	Jacket, Trouser	256	61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre	300gm	
Modaflame Work HVO	FR722, FR414, FR509	Coverall, Jacket, Trouser	249, 255	61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre	300gm	
Modaflame Work HVO	FR415	Trouser	255	61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre	300gm	
Modaflame Knit HVO	FR76	Polo-Shirt	266	45% Modacrylic, 25% Polyester, 23% Cotton, 6% Aramid, 1% Carbon Fibre	220gm	
Modaflame Knit HVO	FR703	Sweatshirt	264	45% Modacrylic, 25% Polyester, 23% Cotton, 6% Aramid, 1% Carbon Fibre	300gm	
Modaflame Knit HV	FR74, FR77	Polo-Shirt	267	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	210gm	
Modaflame Knit HV	FR701	T-Shirt	268	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	210gm	
Modaflame Knit HV	FR702	Polo-Shirt	266	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	210gm	
Modaflame Fleece	FR30	Fleece	270	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	
Modaflame Fleece HV	FR31	Hi-Vis Fleece	265	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	280gm	
Modaflame Knit	FR03, FR10, FR711	Polo-Shirt	271	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	200gm	
Modaflame Knit	FR11	T-Shirt	272	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	200gm	
Modaflame Knit	FR712	T-Shirt	271	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	200gm	
Modaflame Knit	FR14	Leggings	272	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	200gm	
Modaflame Knit	FR18, FR19	Balaclava, Neck Tube	273	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	400gm	
Modaflame Knit	FR09, FR20	Balaclava	273	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	300gm	
Modaflame Knit	FR12, FR710	Sweatshirt	270, 269	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	300gm	
Modaflame Knit	FR81	Hooded Sweatshirt	269	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	300gm	
Modaflame Knit HV	FR72, FR716	Sweatshirt	265, 264	60% Modacrylic, 39% Cotton, 1% Carbon Fibre	300gm	
Modaflame Knit HV	FR96	T-Shirt	268	60% Modacrylic, 40% Cotton	280gm	
Modaflame Knit	SK22	Sock	273	50% Modacrylic, 16% Recycled Cotton, 14% Cotton, 18% Polyamide, 2% Carbon Fibre	-	
Modaflame Knit	SK20	Sock	273	48% Modacrylic, 32% Cotton, 20% Polyester	-	
Modaflame Rain+ HV	MV70	Jacket	244	98% Polyester, 2% Carbon Fibre, PU Coated, 60% Modacrylic bonded to 40% Cotton FR knit backing	350gm	
Modaflame Rain+ HV	MV71	Trouser	245	98% Polyester, 2% Carbon Fibre, PU Coated, 60% Modacrylic bonded to 40% Cotton FR knit backing	350gm	
Modaflame Softshell HV	MV72	Softshell	246	100% Polyester 95g, TPU FR membrane 35g, 60% Modacrylic, 39% Cotton, 1% Carbon Fibre fleece 220g	350gm	
Modaflame Softshell	MV73, FR704	Softshell	246, 247	100% Polyester 95g, TPU FR membrane 35g, 60% Modacrylic, 39% Cotton, 1% Carbon Fibre fleece 220g	350gm	



FR TESTING AFTER WASHING	<u>4</u> EN 1149	EN ISO 11612	EN ISO 11611	EN ISO 20471	IEC 61482-2	EN ISO 14116	EN 13034	EN 343	EN 15614	ASTM F1959	ASTM F1506	NFPA 2112	NFPA 70E
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FABRIC REFERENCE CHART - TREATED FLAME RESISTANT

BRAND	STYLE	PRODUCT DESCRIPTION	PAGE	FABRIC COMPOSITION	WEIGHT	FR TESTING AFTER WASHING	
Bizflame Work	FR35, FR36	Jacket, Trousers	304	99% Cotton, 1% Carbon Fibre	330gm	50 Washes	
Bizflame Work	FR37, FR38	Coverall, Bib and Brace	305	99% Cotton, 1% Carbon Fibre	330gm	50 Washes	
Bizflame Work HV	FR90, BIZ7, FR92	Coverall, Trousers	296, 297	99% Cotton, 1% Carbon Fibre	330gm	50 Washes	
Bizflame Rain+ HV	FR79	Jacket	292	80% Cotton, 19% Polyester, 1% Carbon Fibre, PTFE lamination, PU Coated	380gm	5 Washes	
Bizflame Work	FR80	Coverall	295	99% Cotton, 1% Carbon Fibre	345gm	50 Washes	
Bizflame Work HV	FR61, FR62	Jacket, Trousers	293	99% Cotton, 1% Carbon Fibre	345gm	50 Washes	
Bizflame Work HV	FR60, FR63	Coverall, Bib and Brace	294, 295	99% Cotton, 1% Carbon Fibre	345gm	50 Washes	
Bizflame Work	FR69	Shirt	318	99% Cotton, 1% Carbon Fibre	160gm	5 Washes	
Bizflame Work	FR25, FR26, FR27	Jacket, Trousers, Bib and Brace	312, 313	99% Cotton, 1% Carbon Fibre	350gm	50 Washes	
Bizflame Work	FR55, FR56, FR57	Jacket, Trousers, Bib and Brace	314, 315	99% Cotton, 1% Carbon Fibre	350gm	50 Washes	
Bizflame Work	FR50, FF50, FR51, FR501	Coverall	306, 307, 310, 303	99% Cotton, 1% Carbon Fibre	350gm	50 Washes	
Bizflame Work	FR53, FR59	Coverall, Jacket	316, 317	99% Cotton, 1% Carbon Fibre	350gm	50 Washes	
Bizflame Work	FR28	Coverall	308	99% Cotton, 1% Carbon Fibre	280gm	50 Washes	
Bizflame Work	FR21, FR22	Coverall	309, 310	99% Cotton, 1% Carbon Fibre	210gm	50 Washes	
Bizflame Work	FR34	Lab Coat	311	99% Cotton, 1% Carbon Fibre	210gm	50 Washes	
Bizflame Work	FR502, FR601, FR401, FR412, FR720	Coverall, Jacket, Trousers, Shirt	303, 302, 321, 318	99% Cotton, 1% Carbon Fibre	210gm	50 Washes	
Bizflame Work	FR29	FR Hood	311	99% Cotton, 1% Carbon Fibre	210gm	50 Washes	
Bizflame 88/12	FR89	Shirt	319	88% Cotton, 12% Nylon	237gm	50 Washes (EU) 100 Washes (USA)	
Bizflame 88/12 HV	FR95	Shirt	319	88% Cotton, 12% Nylon	237gm	5 Washes (EU) 100 Washes (USA)	
Bizflame 88/12 Stretch	FR404	Trouser	321	86% Cotton, 12% Nylon, 2% Elastane	350gm	100 Washes (USA)	
Bizflame Industry	FR08, FR68, FR06, FR66, FR07, FR93	Jacket, Trousers, Coverall, Bib and Brace	298, 300, 299, 301	80% Cotton, 19% Polyester, 1% Carbon Fibre	340gm	50 Washes	
Bizflame Knit	FR32, FR33	Henly & Crew	322	99% Cotton, 1% Carbon Fibre	237gm	50 Washes (EU) 100 Washes (USA)	
Bizflame Vest HV	FR75	Vest	323	100% Polyester, Warp Knitted	120gm	5 Washes	
Bizflame Vest HV	FR71,FR85	Vest	323	98% Polyester, 2% Carbon Fibre, Warp Knitted	120gm	12 Washes	
Bizflame Rain+ HV	FR605, FR410	Jacket, Trousers	281	60% Polyester, 21% Modacrylic, 18% Cotton, 1% Carbon Fibre with PU coating	270gm	5 Washes	
Bizflame Rain HV	S778, S774, S779, S773	Jacket	282, 283	98% Polyester, 2% Carbon Fibre, PU Coated	250gm	12 Washes	
Bizflame Rain HV	S780, S781, S775	Trousers, Coverall	285, 286	98% Polyester, 2% Carbon Fibre, PU Coated	250gm	12 Washes	
Bizflame Rain HV	S776	Bodywarmer	284	98% Polyester, 2% Carbon Fibre, PU Coated	250gm	12 Washes	
Bizflame Rain	S770, S785, S783	Jacket	287 288 289	98% Polyester, 2% Carbon Fibre, PU Coated	250gm	12 Washes	
Bizflame Wildland Fire	FR98	Coverall	333	99% Cotton, 1% Carbon Fibre	280gm	5 Washes	
Bizweld Work	BIZ1, BIZ5, BIZ6, BZ506	Coverall	327, 325, 329	100% Cotton	330gm	50 Washes	
Bizweld Work	BIZ2, BZ13, BZ14, BZ30	Jacket, Trousers	326, 324	100% Cotton	330gm	50 Washes	
Bizweld Work	BIZ4, BZ17	Bib & Brace	327, 325	100% Cotton	330gm	50 Washes	
Bizweld Work	BZ11, BZ12	Sleeves, Hood	331	100% Cotton	330gm	50 Washes	
Bizweld Work	BZ31	Trousers	328	100% Cotton	330gm	50 Washes	
Safewelder	C030	Coverall	328	100% Cotton	330gm	50 Washes	
Safewelder	SW10, SW20, SW31, SW32, SW33, SW34	Leather Jacket, Trousers, Accessories	331, 330	Split Cowhide Leather		N/A	
Sealtex Flame HV	FR41, FR43	Jacket, Trousers	290	100% Polyester, PU Coated	260gm	5 Washes	
Sealtex Flame	FR46, FR47	Jacket, Trousers	291	100% Polyester, PU Coated	240gm	5 Washes	



<u>4</u> EN 1149	EN ISO 11612	EN ISO 11611	EN ISO 20471	IEC 61482-2	EN 14116	EN 13034	EN 343	EN 15614	ASTM F1959	ASTM F1506	NFPA 2112	NFPA 70E
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INHERENTLY FLAME RESISTANT

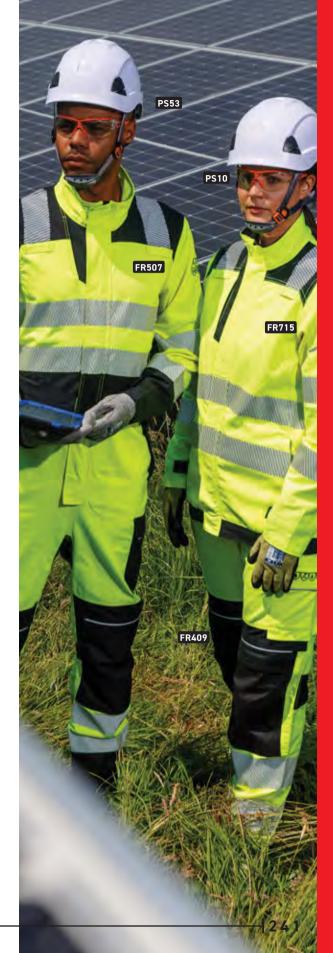












TREATED FLAME RESISTANT







































Constructed from 98% Polyester, 2% Carbon Fibre with a PU breathable flame resistant coating, bonded with a 60% Modacrylic, 40% Cotton flame resistant knitted backing, total weight 350g. The fabric offers great flame, chemical, electric arc and waterproof protection whilst ensuring high visibility day and night.



MV70 MODAFLAME RAIN MULTI **NORM ARC JACKET**

EN ISO 11612 A1 + A2, B1, C1, E3, F1 EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-2 APC 2



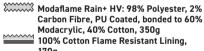
IEC 61482-2 IEC 61482-1-1 ELIM 32 CAL/CM² EN 13034 TYPE 6 **EN ISO 20471 CLASS 3** RIS 3279 TOM ISSUE 2 (ORANGE ONLY)



EN 343 CLASS 3:1 X







170g

Orange/Navy S-4XL, Yellow/Navy S-4XL

- · Protection against radiant, convective and contact heat
- · Waterproof and breathable with taped seams to prevent water penetration
- · Internal pockets for safe storage
- · FR cotton lined for added warmth and comfort
- · Pre-bent sleeves allow for increased freedom of movement
- · Hook and loop cuffs for a secure fit



LINED

INTERACTIVE WITH:

































ELIM

Cal/Cm²





EN ISO 11612 A1 + A2, B1, C1, E3, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-2 APC 2

IEC 61482-2 IEC 61482-1-1 ELIM 32 CAL/CM² EN 13034 TYPE 6

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 3:1 X



Modaflame Rain+ HV: 98% Polyester, 2% Carbon Fibre, PU Coated, bonded to 60% Modacrylic, 40% Cotton, 350g

100% Cotton Flame Resistant Lining, 170g Orange/Navy S-3XL, Yellow/Navy S-3XL Reg: 31" or 79cm adjustable to Tall 33" or 84cm

- · Protection against radiant, convective and contact heat
- · Lightweight, waterproof fabric with taped seams prevents water penetration
- · Zip-off back turns this bib into a trouser for added versatility
- · Adjustable hem to accommodate all leg lengths
- Adjustable straps with durable buckle closure
- · Pre-bent knees allow for increased freedom of movement

ARC FLASH HAND PROTECTION



A780 603 p

VISORS









ZIP OFF FUNCTION AT THE BACK **TURNS THIS INTO A TROUSER**



















FABRIC INFORMATION

Constructed from 100% Polvester that is laminated to a TPU flame resistant membrane and bonded with a 60% Modacrylic, 39% Cotton and 1% Carbon Fibre inherent flame resistant fleece, total weight 350q. This multi norm 3 layer softshell fabric is the latest evolution offering excellent flame, chemical, electric arc and waterproof protection whilst ensuring high visibility day and night.



MV72 MODAFLAME MULTI NORM ARC SOFTSHELL JACKET

EN ISO 11612 A1 B1 C2 EN ISO 11611 CLASS 2 A1 EN 1149 -5

IEC 61482-2 IEC 61482-1-2 APC 2 IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM²

EN 13034 TYPE PB [6] **EN ISO 20471 CLASS 3**

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame Softshell HV: 100% Polyester, laminated to TPU FR membrane, bonded with 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 350g

Orange/Navy S-4XL, Yellow/Navy S-4XL

- Inherent flame resistant qualities will not diminish with washing
- Protects against radiant and convective heat
- · Zipped pockets
- Drawcord adjustable hem
- Storm flap front to protect against the elements
- · Hook and loop cuffs for a secure fit

























MV73 MODAFLAME SOFTSHELL JACKET

EN ISO 11612 A1 B1 C2 EN ISO 11611 CLASS 2 A1

EN 1149 -5

IEC 61482-2 IEC 61482-1-2 APC 2

IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM²

EN 13034 TYPE PB [6]

Modaflame Softshell: 100% Polyester, laminated to TPU FR membrane, bonded with 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 350g

Navy S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protects against radiant and convective heat

















350g









FR704 WX3 FR SOFTSHELL

EN ISO 11612 A1 B1 C2 EN ISO 11611 CLASS 2 A1 EN 1149 -5

IEC 61482-2 IEC 61482-1-2 APC 2 IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM2 EN 13034 TYPE PB [6]

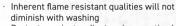


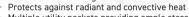












- Multiple utility pockets providing ample storage
 Non-magnetic nickel and ferrous free
 Heat applied segmented reflective tape for added visibility
- · Contrast colouring for added style



























FABRIC INFORMATION

Constructed from 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, Modaflame™ Work HVO uses advanced technology to provide protection in a multi-risk environment. Inherently flame resistant and anti-static, this unique blend of fibres has highly effective moisture management properties and a comfortable handle. Certified to a range of standards including EN ISO 20471 and RIS 3279. Modaflame™ Work HVO provides outstanding versatility and protection.





FR722 PW3 FR HV0 WORK JACKET

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY) Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15%

Polyester, 5% Aramid, 1% Carbon Fibre, 300g Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Orange/Black S-3XL



ELIM Cal/Cm²





FR414 PW3 FR HVO WORK TROUSERS

EN ISO 11612 A1+A2, B1, C1, F EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6] EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Orange/Black









MODAFLAME* WORK HV















FABRIC INFORMATION

Modacrylic fibres provide inherent permanent flame resistance, excellent dimensional stability and high elastic properties which allow garments to retain their shape. High cotton content gives the fabric comfort, warmth and a soft handle. Carbon fibre woven into the fabric gives inherent anti-static properties.





FR714 PW3 FR HI-VIS WORK JACKET

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 3

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Yellow/Black S-3XL



√ NEW

ELIM





FR406 PW3 FR HI-VIS WORK TROUSERS

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 2

Modaflame Work HV::60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

X Yellow/Black



REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
20 40	72 124	11 11	24 40	























FABRIC INFORMATION

The PW3™ FR Hi-Vis Women's Work Jacket and Trouser are designed and tested by women. Made from our renowned Modaflame™ inherent fabric for a multi risk environment. These garments feature additional tailoring around the waist and hips ensures maximum comfort over long periods of time. Designed in line with the average women's height and arm length measurements reduces the risk of trip and snagging. Clever design features include stretch panels, multiple zipped pockets for secure storage.







√ NEW

FR715 PW3 FR HI-VIS WOMEN'S WORK JACKET EN ISO 11612 A1+A2, B1, C1, F1

EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 2

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Yellow/Black XS-XXL



FR409 PW3 FR HI-VIS WOMEN'S WORK TROUSERS

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 2

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Yellow/Black







REG: 29"(74CM) ADJUSTABLE TO 31"(79CM)				
UK	INCH	СМ	EU	FR
8 - 20	26 - 38	68 - 96	38 - 50	40 - 52





















EN ISO 11612 A1+A2, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1

Modacrylic, 35% Cotton, 4% Elastane,

EN ISO 20471 CLASS 2

Yellow/Black

Modaflame Work HV: 60% Modacrylic,

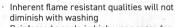
39% Cotton, 1% Carbon Fibre, 280g
Modaflame Work Stretch: 60%











1% Carbon Fibre, 280g

- Reinforced panels in high wear areas for maximum durability
- Zip off holster pockets for added versatility Heat applied segmented reflective tape for added visibility
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility · Adjustable hem to accommodate all leg lengths



REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)			
INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64/66	36 - 60/62

WEAR WITH:





















FR416 PW3 FR HI VIS CLASS 1 HOLSTER TROUSERS



EN ISO 11612 A1+A2, B1, C1, F1 EN 1149 -5



IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN ISO 20471 CLASS 1















Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g
Modaflame Work Stretch: 60%

Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g
Yellow/Black

- Inherent flame resistant qualities will not diminish with washing
- Reinforced panels in high wear areas for maximum durability
- Zip off holster pockets for added versatility
- Heat applied segmented reflective tape for added visibility
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- Adjustable hem to accommodate all leg lengths



SHORT: 2	SHORT: 29"(74CM)			
INCH	СМ	EU	FR	
28 - 42	72 - 108	44 - 58	36 - 54	























FR507 PW3 FR HI-VIS COVERALL

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE 6 EN ISO 20471 CLASS 3

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4%

Elastane, 1% Carbon Fibre, 280g
Yellow/Black S-3XL

Reg: 31" or 79cm adjustable to Tall 33" or 84cm







EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE 6 EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Orange/Black S-3XL Reg: 31" or 79cm adjustable to Tall 33" or 84cm















ELIM Cal/Cm²

300a







FR415 PW3 FR HV0 HOLSTER TROUSERS

EN ISO 11612 A1+A2, B1, C1, F1 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN ISO 20471 CLASS 2 RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4%

Elastane, 1% Carbon Fibre, 280g Orange/Black

		100			
REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)					
INCH	СМ	EU	FR		
28-48	72 - 124	44-64	36-60		



























ASTM F1959/

FABRIC INFORMATION

Constructed from 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, Modaflame™ Work HVO uses advanced technology to provide protection in a multirisk environment. Inherently flame resistant and anti-static, this unique blend of fibres has highly effective moisture management properties and a comfortable handle. Certified to a range of standards including EN ISO 20471 and RIS 3279, Modaflame™ Work HVO provides outstanding versatility and protection.







EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 **EN 13034 TYPE 6**

EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) ASTM F1959/F1959M-14E1 ATPV 8.1 CAL/CM2 (HAF 73%)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g

Orange/Navy S-3XL

MV36 MODAFLAME RIS ORANGE/NAVY TROUSERS

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6 EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

ASTM F1959/F1959M-14E1 ATPV 8.1 CAL/CM2 (HAF 73%)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g

Orange/Navy S-XXL

























300a



300a



MV91 MODAFLAME RIS ORANGE COVERALL

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6 **EN ISO 20471 CLASS 3**

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

ASTM F1959/F1959M-14E1 ATPV 8.1 CAL/CM2 (HAF 73%)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g

Orange S-3XL

MV29 MODAFLAME RIS NAVY/ORANGE COVERALL

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 7 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6 EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

ASTM F1959/F1959M-14E1 ATPV 8.1 CAL/CM2 (HAF 73%)

Modaflame Work HVO: 61% Modacrylic, 18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g

Orange/Navy S-3XL























ASTM F1959/ F1959M-12

FABRIC INFORMATION

Modacrylic fibres provide inherent permanent flame resistance, excellent dimensional stability and high elastic properties which allow garments to retain their shape. High cotton content gives the fabric comfort, warmth and a soft handle. Carbon fibre woven into the fabric gives inherent anti-static properties.













MV26 HI-VIS MODAFLAME TROUSERS

EN ISO 11612 A1+A2, B2, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] **EN ISO 20471 CLASS 1**

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Yellow/Navy S-3XL, Yellow/Navy Tall M-XXL

ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM2 (HAF=75.8%)



MV25 HI-VIS MODAFLAME JACKET

EN ISO 11612 A1+A2, B2, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] **EN ISO 20471 CLASS 2** ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM2 (HAF=75.8%)

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Yellow/Navy S-3XL



















ASTM F1959/ F1959M-12





EN ISO 11612 A1+A2, B2,C1,F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6]

EN ISO 20471 CLASS 2

ASTM F1959/F1959M-12 ATPV=8.4CAL/CM2(HAF=75.8%)

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Yellow/Navy S-3XL

Reg: 31" or 79cm adjustable to Tall 33" or 84cm



280g



MV28 HI-VIS MODAFLAME COVERALL

EN ISO 11612 A1+A2, B2, C1, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6

EN ISO 20471 CLASS 3

ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM2 (HAF=75.8%)

Modaflame Work HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Yellow/Navy Tall M-XXL







FR711 WX3 FLAME RESISTANT LONG SLEEVE POLO

























FABRIC INFORMATION

WX3 inherent flame resistant products offer exceptional wear resistance, functionality, comfort and style. Made from Portwest's premium inherent flame-resistant Modaflame fabrics which guarantee maximum protection when working in the most challenging of environments. High performance stretch fabrics are used at key movement areas giving greater ease of movement and flexibility when working.









FR602 WX3 FR WORK JACKET

EN ISO 11612 A1+A2, B1,C1,F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6]

ASTM F1959/F1959M-12 ATPV=8.4CAL/CM2(HAF=75.8%)

Modaflame Work: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Black S-3XL



FR402 WX3 FR SERVICE TROUSERS

EN ISO 11612 A1+A2, B1,C1,F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6]

ASTM F1959/F1959M-12 ATPV=8.4CAL/CM2(HAF=75.8%)

Modaflame Work: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

||||||||X Black





REG: 31"(79CM) ADJUSTABLE TO 33"(84CM			
INCH	СМ	EU	FR
30 - 46	76 - 116	46 - 62	38 - 58

(A)













ASTM F1959/ F1959M-12











EN ISO 11612 A1+A2, B1,C1,F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 **EN 13034 TYPE 6**

Modaflame Work: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

ASTM F1959/F1959M-12 ATPV=8.4CAL/CM2(HAF=75.8%)

Black S-3XL

Reg: 31" or 79cm adjustable to Tall 33" or 84cm









EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 6.4 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] ASTM F1959/F1959M-12 ATPV=8.4CAL/CM2(HAF=75.8%)

Modaflame Work: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Modaflame Work Stretch: 60% Modacrylic, 35% Cotton, 4% Elastane, 1% Carbon Fibre, 280g

Black S-3XL Reg: 31" or 79cm adjustable to Tall 33" or 84cm























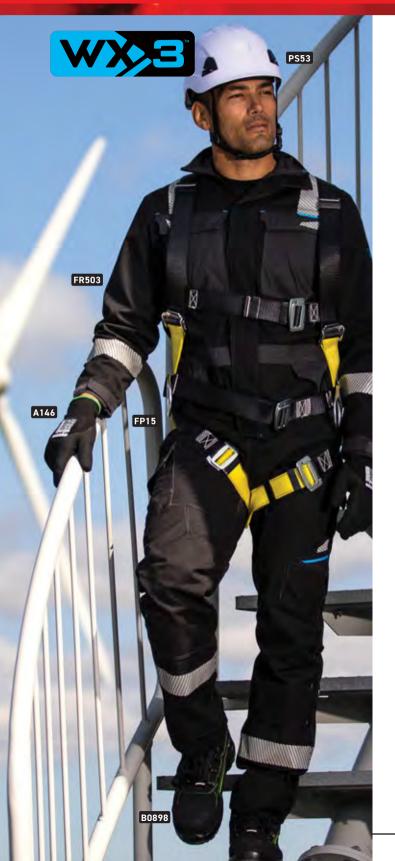








ASTM F1959/ F1959M-12







EN ISO 11612 A1+A2, B2, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6.4CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6

ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM2 (HAF=75.8%)

Modaflame Work: 60% Modacrylic, 39% Cotton, 1% Carbon

Fibre, 280g
Navy S-3XL, Orange S-4XL



















ASTM F1959 F1959M-12



FR716 PW3 FLAME RESISTANT CLASS 1 **SWEATSHIRT**

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9.2 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 1

ASTM F1959/F1959M-12 ATPV=16 CAL/CM2 (HAF=86%)

Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 300g

Yellow/Black S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- Protection against radiant, convective and contact heat
- · High cotton content for superior comfort
- · Ribbed cuffs for added comfort
- Ribbed hem for a comfortable fit
- · Outstanding colour fastness and shrinkage results















FR703 FLAME RESISTANT RIS SWEATSHIRT

EN ISO 11612 A1 B1 C1 F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame Knit HVO: 45% Modacrylic, 25% Polyester, 23% Cotton, 6% Aramid, 1% Carbon Fibre, 300g

Orange S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Knitted fabric with brushed backing
- · Rib collar and cuffs

























ASTM F1959, F1959M-12



FLEECE

EN ISO 11612 A1, B1, C2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 5.9CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 3

Modaflame Fleece HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g

Yellow S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protects against radiant and convective heat
- · Drawcord adjustable hem
- · Elasticated cuffs for a secure fit
- · Front zip opening for easy access
- · Contrast fleece collar for protection against dirt



FLAM











ASTM F1959/ F1959M-12

FR72 FLAME RESISTANT ANTI-STATIC HI-VIS **SWEATSHIRT**

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9.2 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 3

ASTM F1959/F1959M-12 ATPV=16 CAL/CM2 (HAF=86%)

Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 300g X Yellow S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protection against radiant, convective and contact heat
- · Flame resistant ribbed cuff for added safety















ASTM F1959 F1959M-12



FR702 PW3 FLAME RESISTANT HI-VIS POLO **SHIRT**

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 3

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 210g

Yellow/Black S-3XL, Yellow/Navy S-3XL

- · Inherent flame resistant qualities will not diminish with
- · Protection against radiant, convective and contact heat
- · High cotton content for superior comfort
- Concealed button closure
- Rib collar and cuffs
- Designed with a comfort fit











F1959 F1959M-12



FR76 FLAME RESISTANT RIS POLO SHIRT

EN ISO 11612 A1, B1, C1, F2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 6 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame Knit HVO: 45% Modacrylic, 25% Polyester, 23% Cotton, 6% Aramid, 1% Carbon Fibre, 220g

Orange S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Contrast colouring for added style
- · Ribbed cuffs for added comfort





















ASTM F1959, F1959M-12



EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1 **EN ISO 20471 CLASS 3**

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 210g



- · Inherent flame resistant qualities will not diminish with
- · Protection against radiant, convective and contact heat
- · Flame resistant ribbed cuff for added safety
- · Concealed button closure
- $\cdot\;$ High cotton content for superior comfort
- · Premium sew on flame resistant reflective tape











EN ISO 11612 A1, B1, C1, F1 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 4.4 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 **EN ISO 20471 CLASS 2** ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 210g

Yellow/Navy S-4XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protection against radiant, convective and contact heat
- · High cotton content for superior comfort
- · Ribbed cuffs for added comfort
- · Concealed button closure
- · Contrast colouring for added style

























ASTM F1959 F1959M-12



FR701 PW3 FLAME RESISTANT HI-VIS **T-SHIRT**

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1 **EN ISO 20471 CLASS 3**

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = +

Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 210g

Yellow/Black S-3XL, Yellow/Navy S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protection against radiant, convective and contact heat
- · Heat applied segmented reflective tape for added visibility
- Designed with a comfort fit
- · Ribbed cuffs for added comfort
- · Crew neck



















ASTM F1959/ F1959M-12

FR96 FR HI-VIS LONG SLEEVE T-SHIRT

EN ISO 11612 A1+A2, B1, C1 EN ISO 11611 CLASS 1 A1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.2 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN ISO 20471 CLASS 3

ASTM F1959/F1959M-12 ATPV 9 CAL/CM2 (HAF 80.8%)

Modaflame Knit HV: 60% Modacrylic, 40% Cotton, 280g

Yellow S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protects against radiant and convective heat
- · High cotton content for superior comfort
- · Crew neck
- · Generous fit for wearer comfort
- · Reflective tape for increased visibility

ELIM Cal/Cm²











, F

ASTM F1959/ F1959M-12



FR710 WX3 FLAME RESISTANT SWEATSHIRT

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9.2CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=16 CAL/CM²

(HAF=86%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 300g

Black S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protection against radiant, convective and contact heat
- · High cotton content for superior comfort
- · Ribbed cuffs for added comfort
- · Ribbed hem for a comfortable fit
- · Outstanding colour fastness and shrinkage results



9.2 Cal/Cm²









EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9.2 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV 16 CAL/CM2 (HAF 86%)

Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 300g

Navy S-5XL

- · Inherent flame resistant qualities will not diminish with washing
- $\cdot\,$ Protection against radiant, convective and contact heat
- · 2 pockets for secure storage
- · High cotton content for superior comfort
- · Grown on hood is stylish and practical
- · Ribbed hem for a comfortable fit























EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9.2CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=16 CAL/CM2 (HAF=86%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 300g

Navy XS-4XL

- · Inherent flame resistant qualities will not diminish with washing
- · Protection against radiant, convective and contact
- High cotton content for superior comfort
- Ribbed cuffs for added comfort
- Ribbed hem for a comfortable fit
- External standards label for quick identification of protection levels











FR30 FLAME RESISTANT ANTI STATIC **FLEECE**

EN ISO 11612 A1, B1, C2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 5.9 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

Modaflame Fleece: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g Navy S-3XL

- · Inherent flame resistant qualities will not diminish with washing
- Protects against radiant and convective heat
- · Front zip opening for easy access
- · Drawcord adjustable hem
- Elasticated cuffs for a secure fit
- · Zipped pockets



THIS INTERACTIVE FLEECE IS FULLY COMPATIBLE WITH MV70, S770 AND S779 OUTER JACKETS











ASTM F1959/ F1959M-12



200g





200g



FRO3 FLAME RESISTANT ANTI-STATIC LONG SLEEVE POLO SHIRT WITH REFLECTIVE TAPE

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 200g

FR10 FLAME RESISTANT ANTI-STATIC LONG SLEEVE POLO **SHIRT**

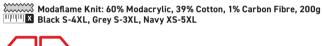
EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)





















HS





FR712 WX3 FLAME RESISTANT T-SHIRT

EN ISO 14116 INDEX 3 EN 1149 -5

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 200g

FR711 WX3 FLAME RESISTANT LONG SLEEVE POLO

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 200g Black S-3XL

HS











F1959/ F1959M-12

THE POWER OF LAYERING

Flame resistant base layers give you an extra layer of protection. When 2 or more arc flash garments are worn in combination, a higher level of arc flash protection is achieved, because a layer of air is naturally trapped between each garment, helping to increase the overall protection level.





EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 200g

Black S-3XL, Grey S-3XL, Navy XS-5XL







FR14 FLAME RESISTANT ANTI-STATIC LEGGINGS

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 4.4 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM2 (HAF = 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 200g

Navy S-4XL













ASTM F1959 F1959M-12

FABRIC INFORMATION

Modaflame™ Accessories provide inherent flame resistance and anti-static protection. The high performance fibres offer a soft, natural touch and appearance.



FR18 FLAME RESISTANT ANTI-STATIC BALACLAVA

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

ASTM F1959/F1959M-14E1 ATPV 22CAL/CM2 (HAF 89.7%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre x 2 layer, 400g Black One Size, Navy One Size



FR19 FLAME RESISTANT ANTI-**STATIC NECK TUBE**

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

ASTM F1959/F1959M-14E1 ATPV 22CAL/CM2 (HAF 89.7%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre x 2 layer,

Black One Size, Navy One Size

300a



FR09 FR ANTI-STATIC **BALACLAVA**

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5 ASTM F1959/F1959M-12 ATPV 16 CAL/CM2 (HAF 86%)

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 300g Navy One Size



FR20 FR ANTI-STATIC BALACLAVA **HOOD**

EN ISO 11612 A1, B1, C1, F1 EN 1149 -5

ASTM F1959/F1959M-12 ATPV=16 CAL/CM2

Modaflame Knit: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 300g Navy One Size



EN ISO 14116 EN 1149 -3

Modaflame Knit: 48% Modaflame, 32% Cotton, 20% Polyester, Knit Black 39-43, 44-48



SK22 MODAFLAME WORK SOCK

EN ISO 14116 EN 1149 -3

Modaflame Knit: 50% Modacrylic, 16% Recycled Cotton, 14% Cotton, 18% Polyamide, 2% Antistatic ||||||||X Navy 39-43, 44-48













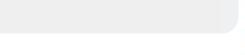








Araflame™ Work HVO is a highly innovative flame resistant fabric. Constructed using 57% Aramid, 42% FR Polyester and 1% Carbon fibre. Araflame™ Work HVO offers the ultimate in inherent flame resistant protection with high visibility. This state of the art fabric offers full protection against multiple hazards.







EN ISO 11612 A1, B1, C1, F1 EN ISO 11611 CLASS 1 A1 EN 1149 -5

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)



Araflame Work HV0: 57% Aramid, 42% Polyester, 1% Carbon Fibre, 260g V Orange S-5XL





- Inherent flame resistant qualities will not diminish with washing
- Protection against radiant, convective and contact heat
- Rule pocket
 - Side access pockets
 - · Durable, strong and long lasting brass zip
 - · Hook and loop cuffs for a secure fit

















ASTM F1959/ F1959M-

FABRIC INFORMATION

- Araflame™ Work is an inherently flame resistant fabric developed for excellence, using innovative technology.
- · The flame resistant properties are permanent and will not diminish with washing.
- · Constructed from 93% Meta-Aramid which provides outstanding heat and flame resistance combined with 5% Para-Aramid for strength. Araflame™ Work is inherently anti-static by incorporating 2% Carbon Fibre.

MANIKIN TEST RESULTS FOR: AF53

Burn Injury Prediction 8.8%

- Pain (28.9%),
- 1st° Burn (3.5%)
- 2nd° Burn (7.0%)
- 3rd° Burn (1.8%)





AF53 ARAFLAME GOLD COVERALL

EN ISO 11612 A1+A2, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 3.8CAL/CM² ASTM F1959/F1959M-12 ATPV 5.9 CAL/CM2

(HAF 63.1%)



Araflame Work: 93% Meta Aramid, 5% Para Aramid, 2% Carbon Fibre, 150g

Navy, Orange



- · Inherent flame resistant qualities will not diminish with washing
- Protection against radiant, convective and contact heat
- Sleeve pocket
- · Two back patch pockets
- · Triple-stitched seams for extra durability
- · Durable, strong and long lasting brass zips

Cal/Cm²

PREMIUM INHERENT FABRIC BLEND OF 93% META-ARAMID. 5% PARA-ARAMID AND 2% CARBON FIBRE













ASTM F1959/ 12

F1959M-

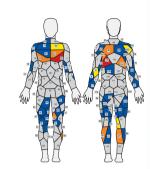


Burn Injury Prediction 8.8%

Pain (28.9%), 1st° Burn (3.5%)

2nd° Burn (7.0%)

3rd° Burn (1.8%)





AF73 ARAFLAME SILVER COVERALL

EN ISO 11612 A1+A2, B1, C1, F1 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 3.8CAL/CM² ASTM F1959/F1959M-12 ATPV 5.9 CAL/CM²



Araflame Work: 93% Meta Aramid,

(HAF 63.1%)



5% Para Aramid, 2% Carbon Fibre, 150g

Orange, Red, Royal Blue



- Inherent flame resistant qualities will not diminish with washing
- Protection against radiant, convective and contact heat
- · Two back patch pockets
- · Triple-stitched seams for extra durability
- · Durable, strong and long lasting brass zips
- · Hook and loop cuffs for a secure fit





















ASTM F1959 F1959M-12

FABRIC INFORMATION

Aluflame™ Work is an inherently flame resistant fabric, offering the highest possible protection against molten aluminium and molten iron. Industrial launderable, the high cotton content gives the fabric a natural soft handle for increased comfort and is intended to be used in areas where there is continuous exposure to molten aluminium (D3) and iron (E3) splashes, allowing those who deal with these hot metals to work safely in their daily working environment without sacrificing on protection.



























FR65 FR MOLTEN METAL JACKET

EN ISO 11612 A1+A2, B1, C1, D3, E3, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.1 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-14E1 ATPV=13 CAL/CM2 (HAF=84.9%)

Aluflame Work: 43% Cotton, 30% Viscose, 20% Acrylic, 6% Para Aramid, 1% Carbon Fibre, 360g Navy S-3XL

- · Highest protection against molten aluminium
- · Class 2 welding protection
- · Certified protection against molten metal splash
- · Stud adjustable cuffs for a secure fit

FR64 FR MOLTEN METAL TROUSERS

EN ISO 11612 A1+A2, B1, C1, D3, E3, F1 EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.1 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-14E1 ATPV=13 CAL/CM2 (HAF=84.9%)

Aluflame Work: 43% Cotton, 30% Viscose, 20% Acrylic, 6% Para Aramid, 1% Carbon Fibre, 360g

Navy S-3XL

- · Highest protection against molten aluminium
- · Class 2 welding protection
- · Certified protection against molten metal splash
- · Rule pocket





ALL WEATHER PROTECTION

Bizflame™ Rain+ HV is specially developed to give full protection against flame and anti-static hazard and also gives the added benefits of high visibility and adverse weather protection.



FR410

FLAME



















GARMENT BENEFITS

Conforming to seven EN standards, Bizflame™ Rain is specially developed to give full protection against flame and anti-static hazard and gives the added benefits of high visibility and adverse weather protection. High quality flame and chemical resistant materials, taped seams and flame resistant reflective tape create a range that makes it possible to work comfortably in extreme weather conditions.





FR605 BIZFLAME RAIN+ HI-VIS LIGHT ARC JACKET

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 25 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE 6

EN ISO 20471 CLASS 3 EN 343 CLASS 4:1:X

BIZFLAME RAIN+ HV: 60% Polyester, 21% Modacrylic, 18% Cotton, 1% Carbon Fibre, HV 7mm Ripstop Breathable PU coated,

100% Cotton Flame Resistant Lining, 170g Yellow/Navy S-3XL

- · Flame resistant treated waterproof fabric prevents water penetration
- Protection against radiant, convective and contact heat
- · FR cotton lined for added warmth and comfort
- · Internal chest pocket



FR410 BIZFLAME RAIN+ HI-VIS LIGHT ARC TROUSERS

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 25 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE 6

EN ISO 20471 CLASS 2 EN 343 CLASS 4:1:X

BIZFLAME RAIN+ HV: 60% Polyester, 21% Modacrylic, 18% Cotton, 1% Carbon Fibre, HV 7mm Ripstop Breathable PU coated, 250g

100% Cotton Flame Resistant Lining, 170g Yellow/Navy S-3XL

- Flame resistant treated waterproof fabric prevents water penetration
- Protection against radiant, convective and contact heat
- FR cotton lined for added warmth and comfort
- Zipped ankles for easy fitting over work boots









EN ISO 14116













S778 BIZFLAME RAIN HI-VIS ANTISTATIC FR JACKET

EN ISO 14116 INDEX 3 EN 1149 -5 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X EN 14058 CLASS 3

Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g 100% Cotton Flame Resistant Lining, 170g 100% Modacrylic Flame Resistant, 150g 0range XS-5XL, Yellow XS-6XL

- · Flame resistant treated waterproof fabric prevents water penetration
- · Fully lined and padded to trap the heat and increase warmth
- · Internal chest pocket
- · Storm flap front to protect against the elements
- · Ribbed cuffs for added comfort
- · Anti-static















S774 BIZFLAME RAIN HI-VIS MULTI LITE JACKET

EN ISO 14116 INDEX 3 EN 1149 -5 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:3 X

Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g 100% Cotton Flame Resistant Lining, 170g Orange S-3XL, Yellow S-3XL

- · Flame resistant treated waterproof fabric prevents water penetration
- · Internal chest pocket
- · Lightweight and comfortable
- · FR cotton lined for added warmth and comfort
- · Knitted cuff for comfort and warmth
- External standards label for quick identification of protection levels









EN ISO 14116











LINED

(A)

\$779 BIZFLAME RAIN HI-VIS MULTI-PROTECTION JACKET

EN ISO 14116 INDEX 3 EN 1149 -5 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

EN 343 CLASS 3:3 X

Bizflame Rain HV: 98% Polyester, 2%
Carbon Fibre, Breathable PU Coated, 250g
100% Cotton Flame Resistant Lining, 170g
Removable Flame Resistant Fleece Liner
350g

Orange/Navy S-3XL, Yellow/Navy XS-4XL

- $\cdot\,$ Flame resistant treated waterproof fabric prevents water penetration
- · Anti-static
- · FR cotton lined for added warmth and comfort
- · Fleece lining for added warmth and comfort
- · Drawcord adjustable hem
- · Contrast colouring for added style





\$773 BIZFLAME RAIN HI-VIS ANTISTATIC FR BOMBER JACKET

ANTISTATIC FR BUMBER JACKE EN ISO 14116 INDEX 3 EN 1149 -5 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 3 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:1 X

Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g 100% Cotton Flame Resistant Lining, 170g 100% Modacrylic Flame Resistant, 150g Orange XS-4XL, Yellow XS-5XL

- · Flame resistant treated waterproof fabric prevents water penetration
- Anti-static
- · Internal chest pocket
- · Ribbed cuffs for added comfort
- · Fully lined and padded to trap the heat and increase warmth
- · Premium sew on flame resistant reflective tape







EN ISO











S781 BIZFLAME RAIN LINED HI-VIS ANTISTATIC FR TROUSERS



GARMENT BENEFITS

A great addition to Bizflame™ Rain HV, this multi-functional high visibility bodywarmer is flame and chemical resistant with anti-static properties, it includes a concealed mobile phone pocket under the storm flap for easy access and a guilted flame resistant lining for maximum protection and comfort.

INSULATED











EN 13034 TYPE PB [6]



EN ISO 20471 CLASS 2



RIS 3279 TOM ISSUE 2 (ORANGE ONLY)



Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g

100% Cotton Flame Resistant Lining, 170g
100% Modacrylic Flame Resistant, 150g
0 orange S-3XL, Yellow S-3XL

- · FR cotton lined for added warmth and comfort
- · Padded collar for added comfort
- · Internal chest pocket







EN ISO 14116











LINED









EN ISO 14116 INDEX 1 EN 1149 -5 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 1 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:3 X

Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g

Orange S-3XL, Yellow S-4XL

- · Flame resistant treated waterproof fabric prevents water penetration
- · Zipped ankles for easy fitting over work boots
- · Back waist buggy for added protection



S781 BIZFLAME RAIN LINED HI-VIS ANTISTATIC FR TROUSERS

EN ISO 14116 INDEX 3 EN 1149 -5 EN 13034 TYPE PB [6] EN ISO 20471 CLASS 1 RIS 3279 TOM ISSUE 2 (ORANGE ONLY) EN 343 CLASS 3:3 X

Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g 100% Cotton Flame Resistant Lining, 170g

100% Cotton Flame Resistant Lining, 170
Orange M-3XL, Yellow S-3XL

- · Flame resistant treated waterproof fabric prevents water penetration
- · FR cotton lined for added warmth and comfort
- · Zipped ankles for easy fitting over work boots



IZFLAME



EN ISO

























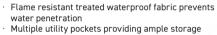


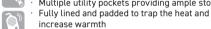


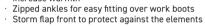
Bizflame Rain HV: 98% Polyester, 2% Carbon Fibre, Breathable PU Coated, 250g
100% Cotton Flame Resistant Lining, 170g
100% Modacrylic Flame Resistant, 150g
0range/Navy S-3XL, Yellow/Navy S-3XL

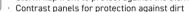












HI-VIS, FLAME, CHEMICAL, **ANTI-STATIC AND WATERPROOF PROTECTION COMBINED**



770g





EN ISO











EN ISO 14116 INDEX 3 EN 1149 -5 EN 13034 TYPE PB [6]

EN 343 CLASS 3:3 X

Bizflame Rain: 98% Polyester, 2% Carbon Fibre,
Breathable, PU Coated, 250g

100% Cotton Flame Resistant Lining, 170g
Full Zip Around Removable Fleece Lining, 350g Navy S-3XL

· Flame resistant treated waterproof fabric prevents water penetration

- · Internal chest pocket
- · Lower front pockets with hook and loop closure
- Drawcord adjustable hem
- · Hook and loop cuffs for a secure fit
- · Anti-static



INTERACTIVE WITH:









ZFLAME



EN ISO

























EN ISO 14116 INDEX 3 EN 1149 -5



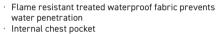
EN 13034 TYPE PB [6] EN 343 CLASS 3:1 X EN 14058 CLASS 3



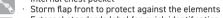
Bizflame Rain: 98% Polyester, 2% Carbon Fibre, Breathable, PU Coated, 250g 100% Cotton Flame Resistant Lining, 170g
100% Modacrylic Flame Resistant, 150g
Navy S-3XL, Red S-3XL













External standards label for quick identification of protection levels



· Ribbed cuffs for added comfort · Fully lined and padded to trap the heat and

increase warmth





INSULATED





BIZFLAME[®]



EN ISO









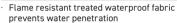




EN 13034 TYPE PB [6] EN 343 CLASS 3:1 X

Bizflame Rain: 98% Polyester, 2% Carbon Fibre, Breathable, PU Coated, 250g 100% Cotton Flame Resistant Lining, 170g 100% Modacrylic Flame Resistant, 150g Navy S-6XL





- Internal chest pocket
- $\cdot\,$ Fully lined and padded to trap the heat and increase warmth
- Hook and loop cuffs for a secure fit
- Storm flap front to protect against the elements
- External standards label for quick identification of protection levels









BACK





INSULATED





EN ISO









GARMENT BENEFITS

Expertly developed to provide high visibility and flame resistant protection, Sealtex $^{\text{TM}}$ Flame HV is chemical resistant and waterproof. This lightweight, stretchy and durable fabric offers maximum comfort and outstanding protection.









EN ISO 14116 INDEX 1 EN 1149 -5 EN 13034 TYPE 6 EN ISO 20471 CLASS 3 EN 343 CLASS 3:1 X

Sealtex Flame HV: 100% Polyester, PU Coated, 260g Orange S-3XL, Yellow XS-5XL

- \cdot Waterproof with welded seams to prevent water penetration
- · Durable and stretchy with wipe clean finish
- · Concealed stud and zip fastening
- Stud adjustable cuffs for a secure fit

FR43 SEALTEX FLAME HI-VIS TROUSERS

EN ISO 14116 INDEX 1 EN 1149 - 5 EN 13034 TYPE 6 EN ISO 20471 CLASS 1 EN 343 CLASS 3:1 X

Sealtex Flame HV: 100% Polyester, PU Coated, 260g

- · Waterproof with welded seams to prevent water penetration
- · Lightweight and comfortable
- · Durable and stretchy with wipe clean finish
- · Stud adjustable hems for a secure fit























Sealtex™ Flame fabric is constructed from a flame resistant, PU coated, polyester fabric. Lightweight, stretchy and durable Sealtex Flame is waterproof and chemical resistant and is designed to offer full protection against adverse weather conditions and flame hazards.









FR46 SEALTEX FLAME JACKET

EN ISO 14116 INDEX 1 EN 1149 -5 EN 13034 TYPE 6 EN 343 CLASS 3:1 X

Sealtex Flame: 100% Polyester, PU Coated, 240g

- · Waterproof with welded seams to prevent water penetration
- · Durable and stretchy with wipe clean finish
- · Concealed stud and zip fastening
- Stud adjustable cuffs for a secure fit

FR47 SEALTEX FLAME TROUSERS

EN ISO 14116 INDEX 1 EN 1149 -5 EN 13034 TYPE 6 EN 343 CLASS 3:1 X

Sealtex Flame: 100% Polyester, PU Coated, 240g

- \cdot Waterproof with welded seams to prevent water penetration
- · Lightweight and comfortable
- · Durable and stretchy with wipe clean finish
- Stud adjustable hems for a secure fit



















GARMENT BENEFITS

This high visibility jacket is independently certified to seven international standards making it the ideal choice when versatile protection is required. This jacket is flame resistant, waterproof, anti-static and resistant to chemicals. It has antielectrostatic properties, and high level arc flash protection.



FR79 BIZFLAME RAIN+ HI-VIS ARC JACKET



EN 1149 -5

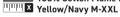
IEC 61482-2 IEC 61482-1-1 ELIM 43 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

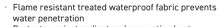
EN 13034 TYPE 6

EN ISO 20471 CLASS 3 EN 343 CLASS 3:3 X









- · Protects against radiant and convective heat
- · Anti-static
- · Internal chest pocket





PROVIDES MULTI-NORM HIGH VISIBILITY PROTECTION



LINED

BIZFLAME WORK HV

















ASTM F1959/ F1959M-12

GARMENT BENEFITS

Expertly developed to provide multi norm protection. These garments are high visibility and flame resistant and offer welding and arc flash protection. They are chemical resistant with anti-static protection while offering quaranteed wearer comfort. This advanced technology fabric is worn with confidence by thousands of workers across a range of industries offering maximum comfort and outstanding protection.



FR61 HI-VIS MULTI-NORM JACKET

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6] **EN ISO 20471 CLASS 3**

ASTM F1959/F1959M-12 ATPV = 13.6 CAL/CM2 (HAF = 82%)

Bizflame Work HV: 99% Cotton, 1% Carbon Fibre, 345g Yellow/Navy S-3XL

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- · Concealed chest pocket
- · Concealed stud and zip fastening



MANIKIN TEST

FR62 HI-VIS MULTI-NORM TROUSERS

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13 CAL/CM2

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6] **EN ISO 20471 CLASS 2**

ASTM F1959/F1959M-12 ATPV = 13.6 CAL/CM2 (HAF = 82%)

Eizflame Work HV: 99% Cotton, 1% Carbon Fibre, 345g Yellow/Navy S-3XL

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- Back pocket
- · Rule pocket

BIZFLAME WORK HV















ASTM F1959/ F1959M-

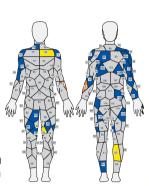
MANIKIN TEST RESULTS FOR: FR60

Burn Injury Prediction 0.9 %

Pain (21.1%),

1st° Burn (2.6%)

2nd° Burn (0.9%) 3rd° Burn (0.0%)



FR60 HI-VIS MULTI-NORM COVERALL

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13 CAL/ CM²

IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE 6

EN ISO 20471 CLASS 3

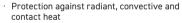
ASTM F1959/F1959M-12 ATPV=13.6 CAL/

CM2 (HAF=82%)

Bizflame Work HV: 99% Cotton, 1% Carbon Fibre, 345g

Yellow/Navy S-4XL





- Certified protection against molten metal
- · Chest pockets with stud closure
- · Quick and easy side access
- · Hook and loop cuffs for a secure fit
- · Contrast colouring for added style







OUTSTANDING ACHIEVEMENT:

This innovative product has been awarded the prestigious BSIF award for Best Product. The multinorm fabric combined with the functional garment design is the result of extensive research and development aimed at creating an industry leading garment.













12



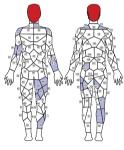


345a

PROPRIETARY FLAME RESISTANT CHEMICAL **FINISH**

MANIKIN TEST RESULTS FOR: FR63 & FR61

Burn Injury Prediction 0%



- Pain (20.0%),
- 1st° Burn (1.0%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)





FR63 HI-VIS MULTI-NORM BIB AND BRACE

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6] **EN ISO 20471 CLASS 2**

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

Bizflame Work HV: 99% Cotton, 1% Carbon Fibre, 345g Yellow/Navy S-3XL

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Rule pocket
- · One back pocket with flap and stud closure

BIZFLAME WORK













ASTM F1959/ F1959M-12





FR80 MULTI-NORM COVERALL

EN ISO 11612 A1+A2 B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

Bizflame vvo Bizflame Work: 99% Cotton, 1% Carbon Fibre, 345g

- · Protection against radiant, convective and contact heat
- \cdot Certified protection against molten metal splash
- · Side access pockets
- · Rule pocket





















EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 EN ISO 20471 CLASS 2

Bizflame Work HV: 99% Cotton, 1% Carbon Fibre, 330g

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- · Rule pocket
- · Easy access cargo pocket



FR90 BIZFLAME WORK HI-VIS COVERALL EN ISO 11612 A1+A2, B1, C1, E3, F1

EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 EN ISO 20471 CLASS 3

Bizflame Work HV: 99% Cotton, 1% Carbon Fibre, 330g

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Sleeve pocket
- · Rule pocket







BIZFLAME WORK HV















BIZ7 BIZFLAME WORK HI-VIS ANTI-STATIC COVERALL EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2











Bizflame Work HV: 99% Cotton, 1% Carbon Fibre, 330g

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash Rule pocket
- · Quick and easy side access



















ASTM F1959/ F1959M-12

GARMENT BENEFITS

Bizflame™ Industry is blended from 80% Cotton, 19% FR Polyester and 1% Carbon Fibre, 340g. The FR polyester content in Bizflame™ Industry provides excellent abrasion, shrinkage and colour fastness. This fabric is tough enough to withstand the rigours of industrial laundry making it ideal for the off shore industry.



MEETS INDUSTRIAL LAUNDRY REQUIREMENTS

WASH AT 75°C - TUNNEL DRY AT 155°C

All Portwest industrial launderable products marked with the EN ISO 15797 label, are tested according to washing procedure 8, for coloured workwear, that can tolerate tunnel finishing.



FR08 BIZFLAME INDUSTRY TWO TONE JACKET

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE PB [6]

ASTM F1959/F1959M-12 ATPV 16 CAL/CM² (HAF 83.7%)



Bizflame Industry: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

 □ Srey S-3XL, Red S-3XL, Royal Blue S-3XL

- · Industrial laundry wash at 75°C and tunnel dry at 155°[℃]
- · Protection against radiant, convective and contact heat
- · Hook and loop cuffs for a secure fit
- · Adjustable waist for a perfect fit
- · External standards label for quick identification of protection levels
- · Certified protection against molten metal splash



CHEMICAL

HAND PROTECTION FOOT PROTECTION GOGGLES









BIZFLAME













ASTM F1959/ F1959M-12







EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] ASTM F1959/F1959M-12 ATPV 16 CAL/CM2 (HAF 83.7%)

Bizflame Industry: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

Reg: 31" or 79cm adjustable to Tall 33" or 84cm





FR07 BIZFLAME INDUSTRY TWO TONE BIB AND BRACE

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] ASTM F1959/F1959M-12 ATPV 16 CAL/CM24 (HAF 83.7%)

💢 Bizflame Industry: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

Reg: 31" or 79cm adjustable to Tall 33" or 84cm

BIZFLAME INDUSTRY















ASTM F1959/ F1959M-12

WITHSTANDS THE RIGOURS OF **INDUSTRIAL LAUNDRY**



Cal/Cm² 340g

ELIM

100%

METAL FREE



FR68 BIZFLAME INDUSTRY JACKET

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1 + A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] ASTM F1959/F1959M-12 ATPV 16 CAL/CM2 (HAF 83.7%)

Bizflame Industry: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g Navy S-3XL, Orange S-3XL

FR66 BIZFLAME INDUSTRY TROUSERS

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM2 IEC 61482-2 IEC 61482-1-2 APC 1 EN 13034 TYPE PB [6] ASTM F1959/F1959M-12 ATPV 16 CAL/CM2 (HAF 83.7%)

Bizflame Industry: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

Navy, Orange

Reg: 31" or 79cm adjustable to Tall 33" or 84cm

REG 30"-46" 30"-46"



















ASTM F1959/ F1959M-12







FR93 BIZFLAME INDUSTRY COVERALL

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 11 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

EN 13034 TYPE 6

ASTM F1959/F1959M-12 ATPV 16 CAL/CM2 (HAF 83.7%)



Bizflame Industry: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

Grey, Navy, Orange, Red, Royal Blue Reg: 31" or 79cm adjustable to Tall 33" or 84cm

REG
S-3XL
S-5XL
S-5XL
S-3XL
S-3XL







BIZFLAME* WORK











FABRIC INFORMATION

Bizflame $^{\text{TM}}$ Work Stretch combines lightweight flame resistant fabric with a high performance stretch used in key movement areas.



FR601 BIZFLAME WORK LIGHTWEIGHT STRETCH PANELLED JACKET

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9 CAL/CM²

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g
Bizflame Work Stretch: 97% Cotton, 2% Elastane, 1% Carbon
Fibre, 210g

Fibre, 210g
Navy S-3XL, Orange S-3XL



FR401 BIZFLAME WORK LIGHTWEIGHT STRETCH PANELLED TROUSERS

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5 IEC 61482-2 IEC 61482-1-1 ELIM 9 CAL/CM²

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g
Bizflame Work Stretch: 97% Cotton, 2% Elastane, 1%
Carbon Fibre, 210g

Navy S-3XL, Orange S-3XL
Reg: 31" or 79cm adjustable to Tall 33" or 84cm





















FR502 BIZFLAME WORK LIGHTWEIGHT STRETCH **PANELLED COVERALL**

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9 CAL/CM²

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g Bizflame Work Stretch: 97% Cotton, 2% Elastane, 1% Carbon

Fibre, 210g

Navy S-3XL, Orange S-3XL

Reg: 31" or 79cm adjustable to Tall 33" or 84cm











ASTM F1959/ F1959M-12



FR501 BIZFLAME WORK STRETCH PANELLED **COVERALL**

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g
Bizflame Work Stretch: 97% Cotton, 2% Elastane, 1% Carbon Fibre, 350g

Navy S-3XL, Orange S-3XL Reg: 31" or 79cm adjustable to Tall 33" or 84cm



















BIZFLAME









GARMENT BENEFITS

Bizflame™ Work has been designed for performance and function while providing effective protection at all times. These styles have been independently tested and are perfect for the demands of the offshore and welding industries.





FR35 BIZFLAME WORK JACKET

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 330g Grey S-3XL, Navy S-3XL

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- · Chest pocket with stud closure
- · Two lower pockets with stud closure

FR36 BIZFLAME WORK TROUSERS

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 330g

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Rule pocket
- · Back pocket

OUTSTANDING PROTECTION - OUTSTANDING VALUE

















EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 330g

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Rule pocket
- · Back pocket



FR38 BIZFLAME WORK COVERALL

EN ISO 11612 A1+A2, B1, C1, E3, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 330g

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Chest pockets with stud closure
- · Rule pocket



BIZFLAME"











350g

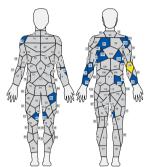
ASTM F1959/ F1959M-12





Burn Injury Prediction 0.0 %

- Pain (12.3%),
- 1st° Burn (0.9%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)







EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g

Black, White, Grey, Navy, Orange, Red, Royal Blue, Green

- · Protection against radiant, convective and contact heat
 - · Class 2 welding protection
 - Rule pocket
 - · Two back patch pockets
 - · Hook and loop cuffs for a secure fit
 - · Action back for extra freedom of movement





S-XXL XS-4XL



BIZFLAME WORK









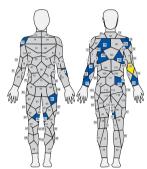


ASTM F1959/ F1959M-12

MANIKIN TEST RESULTS FOR: FF50

Burn Injury Prediction 0.0 %

- Pain (12.3%),
- 1st° Burn (0.9%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)





FF50 ABERDEEN FR COVERALL

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

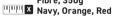
IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM² FR.IW IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

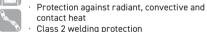




Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g









- · Two back patch pockets
- Rule pocket
- Stud adjustable cuffs for a secure fit
- · Triple-stitched seams for extra durability









36"-54" 36"-54"

BIZFLAME* WORK









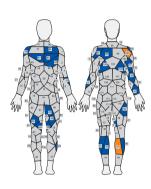






Burn Injury Prediction 1.8 %

- Pain (19.3%),
- 1st° Burn (0.0%)
- 2nd° Burn (1.8%)
- 3rd° Burn (0.0%)







EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5



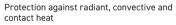




Bizflame Work: 99% Cotton, 1% Carbon Fibre, 280g Black, Grey, Navy, Orange, Red, Royal Blue, Green











Rule pocket

- · Two back patch pockets
- · Action back for extra freedom of movement
- · Hook and loop cuffs for a secure fit

PREMIUM CLASS 2 WELDING **PROTECTION**





BIZFLAME WORK









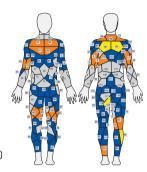
ASTM F1959/ F1959M-



MANIKIN TEST RESULTS FOR: FR21

Burn Injury Prediction 19.0 %

- Pain (48.0%),
- 1st° Burn (6.0%)
- 2nd° Burn (19.0%)
- 3rd° Burn (0.0%)





FR21 FLAME RESISTANT SUPER LIGHT WEIGHT ANTI-STATIC **COVERALL 210G**

EN ISO 11612 A1+A2, B1, C1, E2,F1 EN ISO 11611 CLASS 1 A1+A2

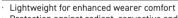
EN 1149 -5

ASTM F1959/F1959M-12 ATPV = 9.1CAL/CM2









- Protection against radiant, convective and contact heat
- Rule pocket
- Two back patch pockets
- Durable, strong and long lasting brass zip
- · Action back for extra freedom of movement

LIGHTWEIGHT **FLAME RESISTANT PROTECTION**







BIZFLAME









12





FR22 INSECT REPELLENT FLAME RESISTANT COVERALL

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

ASTM F1959/F1959M-12 APTV 9.1CAL/CM2

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g
Navy S-3XL

- · Protection against radiant, convective and contact heat
- · Lightweight and comfortable
- · Lightweight insect repellent protection
- · 10 pockets for ample storage

BIZFLAME











ASTM F1959/ F1959M-12



FR51 BIZFLAME WORK WOMEN'S COVERALL 350G

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV 13.6 CAL CM2 (HAF 82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g
Navy XS-XXL, Orange XS-XXL Short: 29" or 74cm adjustable to Reg 31" or 79cm

- · Protection against radiant, convective and contact heat
- · Class 2 welding protection
- · Two back patch pockets
- · Rule pocket













BIZFLAME WORK









ASTM F1959/ F1959M 12







FR34 FR STANDARD COAT

EN ISO 11612 A1+A2, B1, C1, E2,F1 EN ISO 11611 CLASS 1 A1+A2

ASTM F1959/F1959M-14E1 ATPV 9.1CAL/CM2





Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g Navy S-3XL

- Protection against radiant, convective and contact heat
- · Lightweight for enhanced wearer comfort
- · 3 pockets for ample storage
- · Pen division on left pocket

BIZFLAME











530g





FR29 FR HOOD

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5





Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g
100% Cotton Flame Resistant Lining, 170g
100% Polyester Flame Resistant Filling, 150g
Navy One Size

- Hook and loop strap for safe and secure fit
- Back elastic for ease of movement
- Lined for added warmth and comfort
- · Compatible with most helmets
- · 40+ UPF rated fabric to block 98% of UV rays

210g





FR101 FR ID HOLDER (PK25)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g

- · ID card holder for ID card display
- · Loop with ring stud fastening can be attached to many styles



IZFLAME











ASTM F1959/









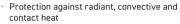
EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM² (HAF=82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g
Navy S-4XL, Orange S-4XL





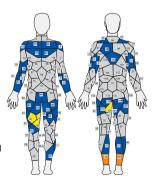
- Class 2 welding protection
- · Two lower pockets with stud closure
- · Two chest pockets with stud closure
- · Concealed stud and zip fastening
- · Hook and loop cuffs for a secure fit



MANIKIN TEST RESULTS FOR: FR25 & FR26

Burn Injury Prediction 3.0 %

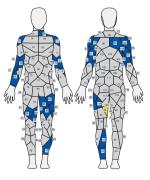
- Pain (35.0%),
- 1st° Burn (2.0%)
- 2nd° Burn (3.0%)
- 3rd° Burn (0.0%)



MANIKIN TEST RESULTS FOR: FR25 & FR27

Burn Injury Prediction 0.0 %

- Pain (24.0%),
- 1st° Burn (1.0%)
- 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)















ASTM F1959/ F1959M-12



350g





EN ISO 11612 A1+A2, B1, C1, E2, F1
EN ISO 11611 CLASS 2 A1+A2
EN 1149 - 5
IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM²
IEC 61482-2 IEC 61482-1-2 APC 1
ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM² (HAF=82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g

Navy XS-4XL, Navy Tall M-XXL, Orange S-4XL, Orange Tall M-XXL

- · Protection against radiant, convective and contact heat
- · Class 2 welding protection
- · Back pocket
- · Rule pocket





3**5**0g





EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g
Navy S-3XL, Orange S-4XL

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

- · Protection against radiant, convective and contact heat
- · Class 2 welding protection
- · Rule pocket
- Back pocket









ZFLAME











F1959/ F1959M-12



350g









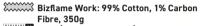
EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM² IEC 61482-2 IEC 61482-1-2 APC 1

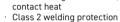
ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)





Navy/Red S-4XL, Navy/Royal S-3XL





- · Two lower pockets with stud closure · Two chest pockets with stud closure
- · Zip opening with concealed press studs
- · Contrast colouring for added style

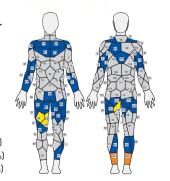




MANIKIN TEST RESULTS FOR: FR55 & FR56

Burn Injury Prediction 3.0 %

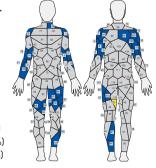
- Pain (35.0%),
- 1st° Burn (2.0%)
- 2nd° Burn (3.0%)
- 3rd° Burn (0.0%)



MANIKIN TEST RESULTS FOR: FR55 & FR57

Burn Injury Prediction 0.0 %

- Pain (24.0%),
- 1st° Burn (1.0%) 2nd° Burn (0.0%)
- 3rd° Burn (0.0%)





BIZFLAME











ASTM F1959/

F1959M-12



350g





EN ISO 11612 A1+A2, B1, C1, E2, F1

EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g
Navy/Red S-4XL, Navy/Royal S-3XL

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- Back pocket
- · Rule pocket





350a



(2)

FR57 BIZFLAME WORK BIB AND BRACE

EN ISO 11612 A1+A2, B1, C1, E2, F1

EN ISO 11611 CLASS 2 A1+A2

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 8.6 CAL/CM²

IEC 61482-2 IEC 61482-1-2 APC 1

ASTM F1959/F1959M-12 ATPV=13.6 CAL/CM2 (HAF=82%)

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g
Navy/Red S-4XL, Navy/Royal S-3XL

- · Protection against radiant, convective and contact heat
- · Class 2 welding protection
- · Rule pocket
- · Back pocket



BIZFLAME* WORK













GARMENT BENEFITS

This Winter FR Coverall is perfect for the demands of the offshore industry. Constructed with the same outer fabric as the FR50 and combined with a layer of insulation and FR cotton lining for extra warmth. Meeting all the required standards, features include triple stitched seams, concealed 2-way front brass zip and two front slant chest pockets with concealed brass zips. The garment also has knee pad pockets designed with an innovative two tier adjustable system.



FR53 FR ANTI-STATIC WINTER COVERALL



FR EN 342 0.318 (M².K/W), 2, X



Bizflame Work: 99% Cotton, 1% Carbon Fibre, 350g

100% Cotton Flame Resistant Lining,

100% Polyester Flame Resistant Filling, 150g

Navy S-3XL, Orange S-3XL, Royal Blue S-3XL, Red S-3XL

- Protection against radiant, convective and contact heat
 FR cotton lined for added warmth and
- comfort

 Concealed brass zips on chest pockets
- Two heals noted needs to the st pockets
- · Two back patch pockets
- · Action back for extra freedom of movement
- $\cdot\,\,$ Durable, strong and long lasting brass zip

WINTER GARMENTS DESIGNED FOR THE OIL AND GAS INDUSTRY



















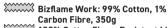
FR59 FR ANTI-STATIC WINTER JACKET

EN ISO 11612 A1+A2 B1, C1, E2, F1 EN ISO 11611 CLASS 2 A1+A2 EN 1149 -5

EN 342 0.321 (M².K/W), 2, X









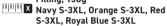






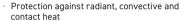
Filling, 150g











- · Class 2 welding protection
- · Lower front pockets with hook and loop closure
- · Internal chest pocket
- · Two chest pockets with stud closure
- · Drawcord adjustable waist for a comfortable fit

DETACHABLE HOOD WITH **CONCEALED BRASS ZIP**





ZFLAME









FABRIC INFORMATION

Bizflame™ Work is a proprietary cotton-rich, anti-static, flame-resistant fabric, globally available and engineered for maximum performance comfort and durability. This high-technology fabric is used with confidence by thousands of workers in hundreds of companies throughout the oil and gas sector, the mining industry and related enterprises.

FR69 BIZFLAME WORK SHIRT

EN ISO 11612 A1, B1, C2 EN 1149 -5 EN 13034 TYPE PB [6]

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 160g

Blue S-3XL, Navy S-3XL

- · Protects against radiant and convective heat
- Lightweight and comfortable
- · Chest pockets with stud closure
- · Concealed stud front for easy access
- Stud adjustable cuffs for a secure fit
- Shirt tail hem stays tucked in











ASTM F1959/ F1959M-12



EN ISO 11612 A1+A2, B1, C1, E2,F1 EN ISO 11611 CLASS 1 A1+A2 EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9 CAL/CM²

Bizflame Work: 99% Cotton, 1% Carbon Fibre, 210g

Navy S-3XL, Orange S-3XL

- · Lightweight for enhanced wearer comfort
- · Protection against radiant, convective and contact heat
- · Two chest pockets with button and flap closure
- · Pen division on left pocket
- Button cuffs for a secure and comfortable fit
- Premium sew on flame resistant reflective tape



BIZFLAME







ASTM F1959/ F1959M-12

NFPA NFPA 2112 70E

GARMENT BENEFITS

Bizflame™ 88/12 HV guarantees high performance flame resistance and maximum comfort. The high cotton content provides an ultra soft handle while the nylon offers excellent abrasion and tear resistance. Bizflame™ 88/12 HV fabric meets EN ISO 20471 Class 3 high visibility standard and is the perfect choice for a variety of work environments.

FR95 BIZFLAME 88/12 FR HI-VIS SHIRT

EN ISO 11612 A1+A2, B1, C1, F1 EN ISO 20471 CLASS 3 NFPA® 70E NFPA® 2112 **ASTM F1506**

ASTM F1959/F1959M-12 ATPV 9 CAL CM2 (HAF 75.6%)

Bizflame 88/12 HV: 88% Cotton, 12% Nylon, 237g Yellow S-3XL

- Protection against radiant, convective and contact heat
- · Lightweight for enhanced wearer comfort
- Two chest pockets with button and flap closure
- · Action back for extra freedom of movement
- · Button cuffs for a secure and comfortable fit
- · Shirt tail hem stays tucked in





BIZFLAME







ASTM F1959/ F1959M-12 2112

NFPA NFPA

FR89 BIZFLAME 88/12 FR SHIRT

EN ISO 11612 A1+A2, B1, C1 NFPA® 70E NFPA® 2112 **ASTM F1506** IEC 61482-2 IEC 61482-1-1 ELIM 9.1 CAL/CM2 ASTM F1959/F1959M-12 ATPV 8.2 CAL/CM2 (HAF 69.1%)

Bizflame 88/12: 88% Cotton, 12% Nylon, 237g Grey XS-5XL, Khaki S-5XL, Navy XS-5XL

- · Lightweight and comfortable
- · Dual hazard protection











WORK IN COMFORT

with new lightweight flame resistant protection designed specifically for warm climates.





BIZFLAME WORK

















210a





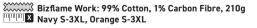
FR412 FR LIGHTWEIGHT ANTI-STATIC TROUSERS

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2,

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 9 CAL/CM2





- Protection against radiant, convective and contact heat
- Easy access cargo pocket
- Rule pocket Two back pockets
- · Adjustable hem regular to long leg
- · Side elastic waist for ultimate wearer comfort



ASTM F1506 NFPA 2112 NFPA 70E

ASTM F1959/ F1959M-14



SLIM FIT







FR404 FR STRETCH TROUSERS

EN ISO 11612 A1 + A2, B1, C1, F1

ASTM F1506 NFPA® 2112

NFPA® 70E

ASTM F1959/F1959M-14E1 ATPV 12CAL/CM2 (HAF 80.6%)

Bizflame 88/12 Stretch: 86% Cotton, 12% Nylon, 2%

Elastane, 350g Khaki, Navy

- · Protection against radiant, convective and contact heat
- Super soft due to garment wash treatment
- Flexi-fit for added freedom of movement
- · Two back patch pockets









ZFLAME









ASTM F1959/ F1959M-14E

NFPA

GARMENT BENEFITS

This smooth, high-performance interlock knit is made from 99% cotton, 1% anti-static carbon fibre. The fabric offers superior strength and a lightweight feel offering the wearer superb working comfort. Bizflame™ Knit offers outstanding protection against electric arc with a minimum ATPV rating of 10 Cal/cm².





FR32 FR ANTI-STATIC HENLEY

EN ISO 11612 A1 + A2, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13CAL/CM²

NFPA® 2112 NFPA® 70E

ASTM F1506

ASTM F1959/F1959M-14E1 ATPV 10 CAL/CM2 (HAF 82.3%)

Bizflame Knit: 99% Cotton, 1% Carbon Fibre , 237g Grey S-3XL, Navy S-3XL

- · Protection against radiant, convective and contact heat
- · Concealed chest pocket
- · Sleeve pocket
- · Button placket opening



FR33 FR ANTI-STATIC CREW NECK

EN ISO 11612 A1 + A2, B1, C1, F1

EN 1149 -5

IEC 61482-2 IEC 61482-1-1 ELIM 13CAL/CM²

NFPA® 2112 NFPA® 70E

ASTM F1506

ASTM F1959/F1959M-14E1 ATPV 10 CAL/CM2 (HAF 82.3%)

Bizflame Knit: 99% Cotton, 1% Carbon Fibre , 237g Grey S-3XL, Navy S-3XL

- Protection against radiant, convective and contact heat
- Sleeve pocket
- · Concealed chest pocket
- · Raglan sleeves for a comfort fit







EN ISO 14116



ANTI-STATIC

CARBON

FIBRE





FR85 HI-VIS ANTI STATIC JACKET - FLAME RESISTANT

EN ISO 14116 INDEX 1

EN 1149 -5

EN ISO 20471 CLASS 3

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Bizflame Vest HV: 98% Polyester, 2% Carbon Fibre, Warp Knitted, 120a

Yellow S/M-XXL/3XL, Orange S/M-XXL/3XL

- · Anti-static
- · Premium sew on flame resistant reflective tape
- · Hook and loop closure for easy access
- · Non-magnetic nickel and ferrous free
- · Lightweight and comfortable
- · Generous fit for wearer comfort

120g



FR71 HI-VIS ANTI STATIC VEST - FLAME RESISTANT

EN ISO 14116 INDEX 1

EN 1149 -5

EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Bizflame Vest HV: 98% Polyester, 2% Carbon Fibre, Warp Knitted, 120g

Yellow S/M - 4XL/5XL, Orange S/M - XXL/3XL

- · Anti-static
- · Premium sew on flame resistant reflective tape
- · Hook and loop closure for easy access
- · Non-magnetic nickel and ferrous free
- · Lightweight and comfortable
- · Generous fit for wearer comfort

120g



ANTI-STATIC **CARBON FIBRE**

EN ISO 14116





FR75 HI-VIS FR VEST

EN ISO 14116 INDEX 1 EN ISO 20471 CLASS 2

RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Bizflame Vest HV: 100% Polyester, Warp Knitted, 120g Yellow S/M - 4XL/5XL, Orange S/M - XXL/3XL

- · Premium sew on flame resistant reflective tape
- Hook and loop closure for easy access
- · Non-magnetic nickel and ferrous free
- · Lightweight and comfortable
- · Generous fit for wearer comfort
- · Available in sizes up to 5XL

























ASTM F1959/ F1959M-12

GARMENT BENEFITS

BizweldTM Work protective clothing have been specially designed to guarantee comfort, performance and safety whilst providing effective function at all times. Bizweld™ Work has been rigorously tested to ensure total compliance with the latest international standards. Bizweld™ Work fabric is 100% Cotton 330g with a flame resistant finish. This fabric meets EN standards EN ISO 11611 and EN ISO 11612 and offers excellent protection for welding and other allied industries.







EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2

IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM²

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g Navy S-3XL, Orange S-3XL

- · Protection against radiant, convective and contact heat
- · Concealed stud front for easy access
- · Stud adjustable cuffs for a secure fit
- · Chest pockets



BZ14 BIZWELD IONA TROUSERS

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1 + A2

IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM²

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g
Navy S-3XL, Orange S-3XL

- Protection against radiant, convective and contact heat
- Rule pocket
- Twin-stitched seams for extra durability
- · 3 pockets for ample storage

VERSATILE FLAME AND WELDING PROTECTION















ASTM F1959/ F1959M-12

ELIM







EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1 + A2

IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM²

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Reflective tape for increased visibility
- · Adjustable straps for a secure fit







EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM²

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Two chest pockets with stud closure
- · Rule pocket

роскет	REG	TALL
	S-3XL	
	XS-5XL	M-3XL
	XS-5XL	M-XL
SXL	S-3XL	
المكار	S-3XL	





















BIZ2 BIZWELD JACKET

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM² ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

Black S-4XL, Navy XS-5XL, Orange S-3XL

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- Chest pockets with stud flap closure
- · Stud adjustable cuffs for a secure fit
- · Concealed stud front for easy access
- External standards label for quick identification of protection levels





BZ30 BIZWELD TROUSERS

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM² ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Black, Navy, Orange

- · Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Side pockets
- · Rule pocket
- · Durable, strong and long lasting brass zip
- · Twin-stitched seams for extra durability







REG	TALL
S-3XL	M-XL
XS-5XL	S-3XL
S-XXL	



















ASTM F1959/ F1959M-12

ELIM 8.3 Cal/Cm²

330g





Pain (12.3%),1st° Burn (0.9%)2nd° Burn (1.8%)

3rd° Burn (0.0%)

 $\begin{bmatrix} 5 \end{bmatrix}$

ELIM

Cal/Cm²

330a



BIZ4 BIZWELD BIB AND BRACE

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM²

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

- $\cdot\,$ Protection against radiant, convective and contact heat
- · Certified protection against molten metal splash
- · Chest pocket with stud closure
- · Adjustable straps for a secure fit

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

- · Protection against radiant, convective and contact heat
- Certified protection against molten metal splash
- · Concealed stud front for easy access
- · Chest pockets with stud closure

REG	TALL
XS-4XL	M-3XL
XS-6XL	S-5XL
S-4XL	
XS-5XL	
S-4XL	



BIZWELD* WORK









ASTM F1959/ F1959M-12

NFPA 2112 NFPA 70E









EN ISO 11612 A1+A2, B1, C1, E2, F1
EN ISO 11611 CLASS 1 A1+A2
IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM²
NFPA® 70E
NFPA® 2112
ASTM F1506
ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM² (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

Grey S-5XL, Navy S-5XL















CO30 CE SAFE-WELDER COVERALL

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2

Bizweld Work: 100% Cotton, 330g



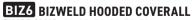






ASTM F1959/ F1959M-12





EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM² ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g



BZ506 BIZWELD CLASSIC COVERALL

EN ISO 11612 A1+A2,B1,C1,E2,F1 EN ISO 11611 CLASS 1 A1+A2 IEC 61482-2 IEC 61482-1-1 ELIM 8.3 CAL/CM² ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM2 (HAF-80.4%)

Bizweld Work: 100% Cotton, 330g
Orange S-5XL, Red S-5XL
Reg: 31" or 79cm adjustable to Tall 33" or 84cm



√ NEW

WELDING **JACKET AND TROUSERS**

GARMENT BENEFITS

This premium quality welding protective clothing is made from split cowhide leather and stitched with para-aramid thread. It offers enhanced protection when welding and is designed to last in the toughest environments.









SW34 LEATHER WELDING JACKET

EN ISO 11611 CLASS 2 A1

Split Cowhide Leather, thickness 1.3 mm

- · Made with cowhide leather for a premium finish
- · Class 2 welding protection
- · Internal pocket for safe storage
- · Adjustable waist for a perfect fit

SW31 LEATHER WELDING TROUSERS

EN ISO 11611 CLASS 2 A1

Split Cowhide Leather, thickness 1.3 mm Tan S-3XL

- Made with cowhide leather for a premium finish
- · Class 2 welding protection
- · Button front closure
- · Wider belt loops for wider belts

WELDING

HAND PROTECTION **FOOT PROTECTION HEAD PROTECTION**









n Zn

WELDING ACCESSORIES



SW32 LEATHER WELDING BOOT COVER EN ISO 11611 CLASS 2 A1

LN 130 HOH CLASS Z A

Split Cowhide Leather, thickness 1.3 mm
Tan 36cm/14"

- · Class 2 welding protection
- · Designed with a comfort fit
- · Designed to be worn in a tough work environment
- · CE certified



SW10 LEATHER WELDING APRON

Split Cowhide Leather, thickness 1.3 mm

- · Made with cowhide leather for a premium finish
- Class 2 welding protection
- Chest pocket with hook and loop closure
- · Ergonomic quick release buckle









ASTM F1959/ F1959M-12



BZ12 BIZWELD CAPE HOOD

EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2 ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM² (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g



SW33 LEATHER HOOD EN ISO 11611 CLASS 2 A1

Split Cowhide Leather, thickness 1.3 mm
Tan One Size

- \cdot Class 2 welding protection
- · Designed with a comfort fit
- · CE certified
- · Designed to be worn in a tough work environment



SW20 LEATHER WELDING SLEEVES EN ISO 11611 CLASS 2 A1

Split Cowhide Leather, thickness 1.3 mm

- · Class 2 welding protection
- · Elasticated cuffs for a secure fit
- · Designed to be worn in a tough work environment
- · Designed with a comfort fit



BZ11 BIZWELD SLEEVES EN ISO 11612 A1+A2, B1, C1, E2, F1 EN ISO 11611 CLASS 1 A1+A2

ASTM F1959/F1959M-12 ATPV 11.2 CAL/CM² (HAF = 80.4%)

Bizweld Work: 100% Cotton, 330g

WILDLAND FIRE



EN 15614 TEST METHODS AND PERFORMANCE REQUIREMENTS FOR WILDLAND CLOTHING

This European standard specifies methods of test and minimum performance requirements for protective clothing, designed to protect the wearers body, except the head, hands and feet, to be worn in wildland firefighting and associated activities.

This clothing is not intended to provide protection during fire entrapment. This European standard covers the general design of the clothing, the minimum level of performance for the materials employed and the methods of test to determine these levels.

This European standard is not applicable to clothing for use in situations encountered in structural firefighting (EN 469 and ISO 11613) or where a high level of radiant heat is expected (EN 1486), nor does this European standard cover clothing to protect against chemical, biological, electrical or radiation hazards.

PREMIUM FLAME RESISTANT LIGHTWEIGHT FABRIC ENGINEERED TO REDUCE THE RISK OF HEAT STRESS WHILE PROTECTING AGAINST WILDLAND FIRES.



Radio pocket designed to fit all sizes of radio



Tape on shoulders for over head visibility



High collar offering full neck protection, designed to suit all helmets



Knitted cuffs with tab and hook and loop adjustment to prevent debris entering sleeves when working overhead.











FABRIC INFORMATION

This lightweight fabric provides a level of comfort, softness and moisture management reducing the risk of heat stress in hot environments and designed to protect against the hazards of wildland fires.



FR98 WILDLAND FIRE COVERALL

EN ISO 11612 A1+A2, B1, C1 EN 15614 EN 1149 -5



Bizflame Wildland Fire: 99% Cotton, 1% Carbon Fibre, 280g Navy S-XXL





- · Protects against radiant and convective heat
- · Yellow/Silver reflex for increased visibility
- Radio pocket designed to fit all sizes of radio
- · Easy access cargo pockets
- Double-layer reinforced knee protection for extra strength and durability
- Throat tab on front neck







WILDLAND FIRE PROTECTION



STRUCTURAL FIRE SUITS

Structural Fire Suits can endure high levels of heat for brief periods of time without combusting and burning and therefore minimises body burn percentage when exposed to heat and flames.

The Structural Fire Suit has three components: an outer shell, a moisture barrier, and a thermal barrier, all serving a different function. The outer layer protects against flame injury and burns caused by conductive heat. The moisture barrier protects against water penetration and allows internal moisture vapour to escape.

It is imperative that the layers are kept dry to avoid the transfer of heat in a convective manner from the outer layer through the layers to the skin. The inner thermal barrier and lining offers protection against heat from proximity to flame. In between each of these layers are pockets of air and together with the fabric layers, they help to further insulate the wearer from the extreme environments of fires.

STRUCTURAL FIRE SUITS

GARMENT BENEFITS

The outer shell built with DuPont™ Nomex® fibre and with Lenzing® FR Viscose is an inherently flame-resistant fabric that stands up to heat, high abrasion resistance, strong colour fastness and protects the inner components.

The breathable PU membrane protects against external water penetration and allows body heat to escape.

The non woven thermal layer traps pockets of air to provide enhanced thermal protection and the inner woven layer protects against heat from proximity to flame.

FABRIC INFORMATION

Outer shell is made of 60% DuPontTM Nomex® fibre and 40% Lenzing® FR Viscose, 260g.

The breathable and waterproof moisture barrier is a 50% FR knitted polyester, 50% PU membrane, 85g.

The FR thermal liner is an FR non woven aramid felt quilted to a 50% aramid, 50% viscose, 260g.

X/2 Xr2 Y2 Z2 EN 469

EN 469: 2005 PROTECTIVE CLOTHING FOR FIREFIGHTERS

This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during fire fighting operations and associated activities. Suits shall provide protection for the firefighters torso, neck, arms to the wrists, and leg to ankles during firefighting activities. A generous overlap suitable for all body movements shall be maintained between the jacket and trousers.

- · Flame Spread
- · Heat Transfer (Flame)
- Heat Transfer (Radiation)
- Residual Strength
- · Heat Resistance
- · Tensile Strength
- Tear Strength
- Surface Wetting
- Dimensional Change
- Resistance to penetration by Liquid Chemicals

Resistance to Water Penetration

FB30

- Water Vapour Resistance
- Ergonomic Requirements
- · Visibility Reflex
- Whole Garment Testing (Optional)

EXPLAINING THE STANDARD

EN469 Level 2 Fire Suits is the higher requirement for structural fire fighting and is used by professional trained firefighters.

Level 2 Suits must include a waterproof moisture barrier

Xf2 Xr2 Y2 Z2

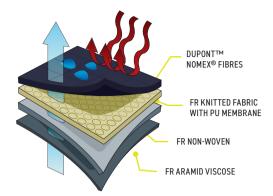
ALL LEVEL 2 FIRE SUITS WILL BE MARKED INTERNALLY AS FOLLOWS:

- Xf2 Level 2 Performance in Heat Test: Flame.
- · Xr2 Level 2 Performance in Heat Test: Radiation.
- Y2 Level 2 Resistance against Water Penetration
- Z2 Level 2 Resistance against Water Vapour Resistance



LINED

STRUCTURAL FIRE SUITS





FB30 3000 OVER-COAT

EN 469 LEVEL 2

60% DuPont™ Nomex® Fibre, 40% Lenzing FR Viscose, 260g
Moisture Barrier: FR Knitted fabric with PU membrane, 85g
Thermal Layer: FR non-woven

Inner Thermal Layer: FR Aramid Viscose, 260g
Navy S-3XL

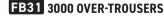












EN 469 LEVEL

60% DuPont™ Nomex® Fibre, 40% Lenzing FR Viscose, 260g
Moisture Barrier: FR Knitted fabric with PU membrane, 85g
Thermal Layer: FR non-woven

Inner Thermal Layer: FR Aramid Viscose, 260g





DUPONT™ AND NOMEX® ARE OWNED BY AFFILIATES OF DUPONT DE NEMOURS, INC. AND USED UNDER LICENSE BY PORTWEST.









INDUSTRY RELATED PRODUCTS (NON FR)

ESD

(ELECTROSTATIC DISCHARGE)

A build up of electrostatic charge can damage sensitive electronic components or give fire risks when handling solvents and other flammable materials. These garments are perfect for use in electrostatic protected areas. Conductive fibres in garments work by preventing the static charge build up by allowing it to dissipate through the conductive fibres and go to earth.



GARMENTS































FOOT PROTECTION



























FC19 679

























CONKWEAN

£ 3





ALL WEATHER PROTECTION

WORKWEAR

CHEFSWEAR

HEALTH AND HYGIENE **WORKWEAR**

MEET THE WORKWEAR COLLECTIONS





VERSATILE WORKWEAR

23 **STYLES**

x8 V NEW

WOMEN'S STYLE AVAILABLE

+NEW COLOURS



ESSENTIAL STRETCH WORKWEAR

17 **STYLES**

x12 VNEW









PERFORMANCE WORKWEAR

85 **STYLES**

x31 VNEW

WOMEN'S STYLE AVAILABLE









ACTIVE STREET WORKWEAR

23 **STYLES**

x6 √ NEW















DURABLE TECHNICAL WORKWEAR



+NEW COLOURS







DYNAMIC 4X STRETCH



+NEW COLOURS





ELEVATED ENDURANCE WORKWEAR



- ADAPTABLE LAYERING
- HIGH PERFORMANCE
- EVOLUTIONARY REACH AND STRETCH



ALL WEATHER PROTECTION



جَرِي عَلَى الْمُعَالِمُ الْمُعِلِمُ الْمُعَلِمُ الْمُعَلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمِ الْمُعِلَّمُ الْمُعِلِمُ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلِمُ الْمُعِلَّمُ الْمُعِلَّمُ الْمُعِلَّمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلَّمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلِمُ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلِمُ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلِمُ الْمُعِلِمِ الْمُعِلَّمِ الْمُعِلِمِ الْمُعِلَّمِ الْمُعِلَّمِ الْمُعِلِمِ الْمُعِلِمِ الْمِ

EXPERIENCE COMFORTABLE AND DRY WORKWEAR, LIKE NEVER BEFORE

WITH OVER 120 YEARS WORTH OF EXPERIENCE, WE KNOW A THING OR TWO ABOUT DESIGNING PRODUCTS THAT NOT ONLY OFFER COMPLETE PROTECTION BUT EMPOWERS WORKERS TO FACE ALL OF THE ELEMENTS IN PRODUCTS THAT ARE BREATHABLE, FLEXIBLE AND COMFORTABLE.

WATERPROOF JACKETS

- **MULTI-WAY** 352
- INSULATED 356
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BODYWAMER AND FLEECE

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PORTWEST COOLING 360

420



CLASSIC FABRICS

ALL WEATHER PROTECTION



Portwest Extreme[™] Waterproof and Breathable is our premium high performance rainwear fabric that offers superior comfort, function, and endurance in all weather conditions. Waterproof to over 15,000mm and breathable and windproof to the highest standards.



Portwest Extreme™ Waterproof is a premium high performance rainwear fabric that offers superior comfort, function, and endurance. Waterproof to over 15,000mm for maximum wet weather protection.



RipShell™ is our technical 3-layer ripstop softshell fabric, designed to provide tough, warm, breathable protection against wind and rain. The Ripstop face fabric keeps wind and rain out and is durable enough to endure the most rigorous movement. A soft inner fleece lining is warm and comfortable, while the addition of a breathable membrane enhances dryness espically during active tasks.



TitanmillTM Ultra is our hardworking fabric that provides unparalleled performance and outstanding abrasion resistance. Woven with high performing and durable nylon fibres. Titanmill Ultra is the best choice for withstanding the harshest environments while providing outstanding comfort to the wearer.



Titanmill™ Ultra Stretch is our hardworking yet flexible fabric. Technically woven 4-way stretch fabric with high performing and durable nylon fibres. Enriched with highly flexible elastane optimising comfort and freedom of movement for the wearer.



Titanmill™ Ultra Ripstop Stretch strikes the ultimate balance between performance, durability and flexibility. Using our technical weave, pattern durable nylon fibres and flexible elastane, these garments provide incomparable tear and abrasion resistance and freedom of movement.





Made with 300 Denier 100% Polyester yarn, this is a tough fabric for tough conditions. 300D 190g fabric has superb abrasion and tear resistance. The double coating of polyurethane (PU) on the inside makes the fabric durable and waterproof. The outer has a water and stain repellent coating which helps keep the garment clean.



SealtexTM Air incorporates exceptional levels of waterproof, windproof and breathable properties. The high frequency welded seams guarantee full protection against adverse weather conditions whilst the durable, supple and lightweight fabric ensures maximum comfort and ease of movement.



SealtexTM Ocean is very soft and extremely flexible. It does not have the rigid stiffness usually associated with PVC blended fabric. This fabric is tested and proven to be highly water resistant. It has an additional tricot knitted backing for maximum wearer comfort.



Sealtex™ Classic is a high technology, PU coated fabric, on a flexible, highly resistant 100% Polyester tricot knit, 200g. Sealtex™ Classic fabric is tested regularly to ensure it meets and exceeds EN343 waterproof standards. Independent test houses carry out hydrolysis and hydrostatic testing.





SealtexTM Essential incorporates quality fabric with expert construction techniques. High frequency welded seams ensure the wearer is kept dry and comfortable in adverse conditions. The stretchy fabric includes an anti-fungal treatment and can easily be wiped clean, allowing the garments to last for longer.



EzeeCool™ is our technical, moisture-wicking fabric, engineered to keep our wearers dry and cool when hard at work. Constructed to ensure that perspiration and excess moisture evaporate quickly for the best comfort in warm conditions.

TECHNOLOGIES



CorePro™ Armour is our highly abrasive 4-way stretch fabric made with ultra strong nylon fibre for excellent tear resistance and durability. The 3-dimensional fabric surface make it the perfect material for heavy duty reinforcement on high wear areas such as knees and elbows.



FL®TECH

FloTech™ is a temperature regulation system which allows the wearer to adapt to changing weather conditions and different levels of activity. The technical stretch mesh fabric panels store warmth from the body and allow cold air to circulate, maintaining body temperature and keeping you dry and comfortable.



Acti-Reach™ is our innovative panel construction that minimises friction and increases arm and torso mobility when reaching, turning and twisting. The targeted ergonomic construction has minimal seams around the armhole, reducing tension points ensuring the garment moves with the body during active work.



TEXPEL® SPLASH ECO

Texpel™ Splash Eco is our extremely water resistant fabric finish which ensures water beads up and rolls off the fabric surface. This premium eco-conscious fabric finish also repels dirt and helps prevent stains to keep your garment looking cleaner for longer.



INSULATEX THERMAL INSULATION

Insulatex™ Pro is our most advanced lightweight thermal lining with supreme warmth-to-weight ratio. Constructed using hollow fibre technology, this soft insulating fabric has millions of air pockets that trap air and body heat offering maximum protection in extreme cold and wet conditions. Providing superior lightweight comfort to the wearer without adding bulk.



MAKING OUR GARMENTS WATERPROOF

Waterproofing our fabric

STEP 1-

We prevent water penetration by one of two methods; applying a durable water repellent membrane or a double coating of polyurethane (PU). Both methods ensure the garment is waterproof and breathable.

STEP 2

We apply a Durable Water Repellent (DWR), which ensures the water rolls up and beads off the fabric, avoiding water build up.



WATERPROOF MEMBRANE

Portwest extreme™ uses a waterproof and breathable membrane, a durable water repellent (DWR) finish on face fabric and a breathable backing fabric. These combined technologies allow moisture to escape, while preventing water penetration.







DOUBLE PL

Our 300D fabrics use a double coating of polyurethane (PU) for guaranteed waterproofness. Our application process creates microscopic holes which let perspiration out but doesn't allow water droplets in.





WATER REPELLENT FINISH

Texpel™ Eco is an extremely water resistant fabric finish which ensures water beads up and rolls off the fabric surface. This premium eco-conscious fabric finish also repels dirt and helps prevent stains to keep your garment looking cleaner for longer.



WATERPROOF COATINGS EXPLAINED

Thermoplastic polyurethane (TPU) is a very elastic and flexible material. It is smooth to the touch and is extremely durable and strong. TPU is bonded using heat rather than chemicals. It is the toxin free choice. It has breathable options and can be used a laminate or as a coating.

Polyurethane (PU) is waterproof, strong, durable and flexible, with breathable options. It can be used as a laminate or as a coating.

Polyvinyl Chloride (PVC) is waterproof, strong and durable and is generally only used as a coating.

Adding comfort and performance

STEP 3

STEP 4

Taping or welding the seams is required to create a fully waterproof garment.

Our designers add feature enhancements to the garments for maximum comfort and functional performance.



TAPED OR WELDED SEAMS

Taped Seams:

A seal is heat applied to a seam on the inside, to stop water entering through the stitching.

Welded Seams:

A stitched seam is welded using heat and pressure, to make it watertight.



ENHANCED FEATURES

- Specially engineered watertight pockets.
- Durable waterproof zippers
- · Adjustable openings to facilitate ventilation.
- Double stormflap for protection against driving wind and rain.
- Engineered hood, hems and sleeve cuffs to ensure precise fit and keep the water out





RAIN PROTECTION

WATER RESISTANCE AND BREATHABILITY TESTING

We cannot control the weather, and when it rains you need clothing that protects you as you work.

EN343 protection against rain sets out the requirements for clothing, materials and seams to protect against rain, and also snowflakes, fog and ground humidity.

The standard uses 2 performance parameters: water resistance and breathability. There is an optional rain tower test (EN 14360) where clothing is exposed to the impact of high energy droplets (450litres/m²/hr).

The performance is shown as e.g., EN343 Class 4:3:X, where 4 is the water resistance, 3 the breathability and X indicates the optional rain tower test was not undertaken.

EN343 CLASS

/. . 2 .

WATER RESISTANCE	BREATHABILITY
LEVEL	LEVEL
1. Entry	Not Breathable Intermediate

2. Intermediate
3. High
4. Highest
2. Intermediate
3. High
4. Highest

RAIN TOWER TEST (EN14360)

X

Indicated by the letter R or X when not undertaken



WATERPROOF AND BREATHABILITY NUMBERS

WHAT DO THEY REALLY MEAN **FOR WORKERS?**

MM WATERPROOF











The minimum rating for a garment to be called waterproof, suitable for working in light to moderate rain.











10,000 MM

Will withstand moderate to heavy rain but may soak through if subjected to pressure such as kneeling in very wet conditions.



20,000 MM +

Suitable for those working outdoors in extreme weather conditions, wind and heavy rain.

Waterproof ratings are measured in millimetres (mm), ranging from 800mm to 20,000mm. For example 10,000mm indicates that a fabric can withstand the pressure of a 10 metre tall column of water pushing on it before it starts to let any water through.

Waterproof Level

MVP BREATHABILITY





3,000 MVP

Suitable for light physical activity which causes minimal perspiration.





10,000-20,000 MVP

Suitable for heavy physical activity which results in significant perspiration, will require rainwear this breathable.





20,000 MVP +

Suitable for heavy physical activity which results in significant perspiration, will require rainwear this breathable.

MVP is Moisture Vapour Permeability expressed as g/m²/24 hours, it is the number of grams (g) of water vapour that can pass through a square metre (m²) of fabric from the inside to the outside in 24 hours. The larger the number, the more breathable the fabric.

Breathability Level



ALL WEATHER





2

















2





INSULATED

DX465 DX4 3-IN-1 JACKET

EN 343 CLASS 4:1 X WP 20.000MM

Outer Jacket: Portwest Extreme Waterproof: 100% Polyester Stretch, 150D, PU Membrane, 160g Inner Jacket: 100% Polyester, 75D Ripstop, 85g Outer Jacket: 100% Polyester Mesh, 65g

Inner Jacket: 100% Polyester, 52g Inner Jacket: Insulatex Pro: 100% Polyester, 260g

Black S-3XL, Metro Blue S-3XL

- 3-in-1 waterproof and windproof jacket
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Interactive inner garment
- Reflective piping for increased visibility
- Drawcord adjustable hem
- Hook and loop cuffs for a secure fit





COLLECTION







SEE PAGE 30, OR SCAN QR CODE TO VIEW THE FULL **DX4** COLLECTION ONLINE







BACK



OUTER JACKET WITH INNER JACKET



INNER JACKET



















S431 IONA 3-IN-1 TRAFFIC JACKET

EN 343 CLASS 3:1 X WP 15,000MM

EN 17353 TYPE B3

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, Anti-Pill finish Fleece, 260g

Navy S-3XL

- · 3-in-1 waterproof and windproof jacket
- · Abrasion resistant oxford polyester
- · Interactive fleece which can be worn as a separate jacket for multi use
- · Phone pocket
- · Stud adjustable cuffs for a secure fit
- · Reflective tape for increased visibility





















S553 RADIAL 3-IN-1 JACKET

EN 343 CLASS 3:2 X WP 10,000MM, MVP 15,000G/ M2/24HR

100% Polyester Microfibre, PU Coated, 130g 100% Polyester 600D Oxford, PU Coated, 230g

Upper Body: 100% Polyester Mesh, 65g Lower Body & Sleeve: 100% Polyester 190T Taffeta, 60g

100% Polyester Fleece, 280g Black S-4XL, Dark Navy S-3XL

- · 3-in-1 waterproof, breathable and windproof jacket with taped seams
- · Interactive fleece which can be worn as a separate jacket for multi use
- · Abrasion resistant oxford polyester
- \cdot Hook and loop cuffs for a secure fit
- · Water resistant zips to prevent water penetration
- · Ideal for corporate wear and custom finishes









10,000 MM

15,000 MVP



3-IN-1 WATERPROOF **JACKET**

S532 ORKNEY 3-IN-1 JACKET

EN 343 CLASS 3:2 X WP 10,000MM, MVP 5,000G/

100% Nylon Ottoman, PU Coated, 170g 🛱 100% Nylon Dobby, Breathable, PU Coated,

160g

Upper Body: 100% Polyester Mesh, 60g Lower Body/, Sleeves & Hood: 100% Polyester Taffeta, 52g

100% Polyester, Anti-Pill finish Fleece, 280g

Grey S-4XL, Navy S-4XL, Red S-3XL

3-in-1 waterproof, breathable and windproof jacket with taped seams

Interactive fleece which can be worn as a separate jacket for multi use

 $\dot{\,\,\,}$ Cooling mesh upper torso for increased breathability

- · Zipped pockets
- · Inner elasticated cuff
- · Adjustable waist for a perfect fit



FLEECE CAN BE WORN AS A SEPARATE GARMENT













3-IN-1 WATERPROOF

JACKET

S507 ARGO 3-IN-1 JACKET

EN 343 CLASS 3:2 X WP 5,000MM, MVP 5,000G/M2/24HR

100% Polyester, PU coated, 135g

Body: 100% Polyester Mesh, 60g Hood, Lower Body and Sleeves:

100% Polvester Taffetta 190T. 52g

100% Polyester, Anti-Pill finish Fleece, 260g

Black S-3XL, Navy S-3XL

- · 3-in-1 waterproof, breathable and windproof jacket with taped seams
- · Interactive fleece which can be worn as a separate jacket for multi use
- · Hook and loop cuffs for a secure fit
- · Drawcord adjustable hem

















EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester Pongee, PVC Coated, 230g 100% Polyester, 60g

100% Polyester, Anti-Pill finish Fleece, 260g Black S-3XL, Navy S-3XL

- 3-in-1 waterproof and windproof jacket
- · Interactive fleece which can be worn as a separate jacket for multi use
- Hook and loop cuffs for a secure fit
- · Double storm flap to protect against the elements





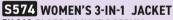












MADE FOR WOMEN

EN 343 CLASS 3:1 X WP 3,000MM

100% Polyester 240T Pongee, PVC Coated, 210g 190T: 100% Polyester Taffetta, 52g 100% Polyester Microfleece, 280g Black XS-XXL, Navy XS-XXL

- · 3-in-1 waterproof, breathable and windproof jacket with taped seams
- · Interactive fleece which can be worn as a separate jacket for multi use
- Hook and loop cuffs for a secure fit
- · Drawcord adjustable hem









3,000 MM













ELEVATED ENDURANCE WORKWEAR



Waterproof to over 15,000mm for maximum wet weather protection.



Technical temperature regulation system allows the wearer to adapt to changing weather conditions and different levels of activity. Stretch mesh fabric panels store warmth from the body and allow cold air to circulate.









SEE PAGE 24 OR
SCAN QR CODE TO
VIEW THE FULL
EV4 COLLECTION
ONLINE

























DX460 DX4 WINTER JACKET

EN 343 CLASS 4:1 X WP 20.000MM

Portwest Extreme Waterproof: 100% Polyester Stretch, 150D, PU Membrane, 160g

100% Polyester Stretch Pongee Lining, 80g

InsulatexPro: 100% Polyester Body: 140g Sleeves: 60g Hood and Collar: 40g

Black S-3XL, Metro Blue S-3XL

- · Waterproof keeping the wearer dry and protected from the elements
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · InsulatexPro lining offers superior warmth without adding unnecessary weight
- · Internal pocket for safe storage
- Curved back hem for added protection
- · Reflective piping for increased visibility



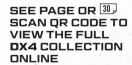


COLLECTION













METRO BLUE



BACK





20,000 MM









INSULATED WATERPROOF **JACKET**



T740 WX3 WINTER JACKET

EN 343 CLASS 3:1 X WP 15.000MM

Portwest Extreme Waterproof: 100% Nylon Taslan, TPU Membrane, 125g 100% Polyester Taffeta, 50g

100% Polyester, 200g

Black S-3XL, Metal Grey S-3XL, Persian Blue

- · Waterproof keeping the wearer dry and protected from the elements
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Fully lined and padded to trap the heat and increase warmth
- · Internal pockets for safe storage
- · Hook and loop cuffs for a secure fit
- · Quick dry knitted cuff for a snug and comfortable fit













S433 IONA LITE TRAFFIC JACKET

EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.349M2. K/W (B), 2, X EN 17353 TYPE B3

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester Taffeta, 60g 100% Polyester, 170g Black XS-3XL, Navy XS-4XL

- Waterproof keeping the wearer dry and protected from the elements
- · Abrasion resistant oxford polyester
- · Quilt lined for thermal insulation
- Inner ribbed cuffs for warmth and comfort
- · Reflective tape for increased visibility
- Generous fit for wearer comfort

















KXX3 INSULATED WATERPROOF JACKET

KX360 KX3 PARKA JACKET

EN 343 CLASS 3:1 X WP 10.000MM

100% Polyester, TPU Coated, 175g 190T: 100% Polyester, Taffeta, 52g Body: 100% Polyester, 140g Sleeves:

100% Polyester, 60g
Black S-3XL, Grey Marl S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Quilt lined for thermal insulation
- · Internal pockets for safe storage
- · Inner storm cuffs with adjustable touch tape for a secure fit
- · Adjustable waist for a perfect fit
- · Drawcord adjustable hem



GET THE

COLLECTION

SEE PAGE 44 OR SCAN QR CODE TO VIEW THE FULL KX3 COLLECTION ONLINE







BLACK







INSULATED



PW362 PW3 WINTER JACKET

EN 343 CLASS 3:1 X WP 10.000MM

300D Breathable: 100% Polyester 300D Oxford,
Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Insulatex heat reflective lining reflects heat back into the body ensuring maximum warmth and comfort
- · Hook and loop cuffs for a secure fit
- · Quick dry knitted cuff for a snug and comfortable fit
- · Reflective trim for increased visibility and safety
- · Curved back hem for added protection





10,000 MM











EN 343 CLASS 3:1 X WP 10,000MM EN 342 0.349M². K/W (B), 2, X

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g

- · Waterproof keeping the wearer dry and protected from the elements
- · Fully lined and padded to trap the heat and increase warmth
- · Internal pocket for safe storage
- · Inner ribbed cuffs for warmth and comfort
- · Storm flap front to protect against the elements
- · Ideal for corporate wear and custom finishes



















PW 2 INSULATED WATERPROOF JACKET



PW260 PW2 WINTER JACKET

EN 343 CLASS 3:1 X WP 5,000MM EN 342 0.336M2, K/W (B), 2, X

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double

PU Coated, 190g 190T: 100% Polyester, Taffeta, 52g YYYYYY Body: 100% Polyester, 190g Sleeves: 100% Polyester, 120g

Black/Red S-3XL, Black/Zoom Grey S-3XL, Navy/Royal S-3XL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Quilt lined for thermal insulation
- · Non-magnetic nickel and ferrous free
- Anti-scratch design with no exposed metal narts
- Internal chest pocket
- Ideal for corporate wear and custom finishes



GET THE

COLLECTION

SEE PAGE 64, OR SCAN OR CODE TO VIEW THE FULL **PW2** COLLECTION ONLINE







BACK













INSULATED WATERPROOF **JACKET**

S530 ARBROATH WINTER JACKET

EN 343 CLASS 3:3 X WP 5,000MM, MVP 9,000G/ M2/24HR

100% Polyester Microfibre, PU Coated, 140g Body: 100% Polyester Fleece, 280g Sleeves:

100% Polyester, 60g

Sleeves: 100% Polyester Filling 100g

Navy XS-5XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Fleece lining for added warmth and comfort
- · Zipped pockets
- Hook and loop cuffs for a secure fit
- · Double storm flap to protect against the elements
- Drawcord adjustable hem









5,000 MM 9,000 MVP



S562 RS PARKA JACKET EN 343 CLASS 3:1 X WP 5,000MM

250g

100% Polyester, Ripstop, PVC Coated,

100% Polyester, 55g

- Durable and waterproof jacket with sealed seams
- · Quilt lined for thermal insulation
- · Multiple utility pockets providing ample storage
- · Hook and loop cuffs for a secure fit
- · Concealed stud and zip fastening
- · Reflective piping for increased visibility











5,000 MM



JACKET

S505 LIMAX WINTER JACKET

EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, Ripstop, PVC Coated, 230g Body: 100% Polyester Fleece, 260g Sleeves: 100% Polyester Taffetta 190T, 52g

Sleeve: 100% Polyester Filling, 120g

· Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface

Fully lined and padded to trap the heat and increase warmth

- · Concealed mobile phone pocket
- · Hook and loop cuffs for a secure fit
- · Storm flap front to protect against the elements
- · Ideal for corporate wear and custom finishes









5.000 MM



EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester Pongee, PVC Coated, 230g

Upper Body: 100% Polyester Fleece, 280g Lower Body & Sleeves: 100% Polyester Taffeta, 60g

Lower Body: 100% Polyester Filling, 200g Sleeves: 100% Polyester Filling, 100g

Black XS-3XL, Navy XS-3XL

- · Waterproof keeping the wearer dry and protected from the elements
- · Fleece lining for added warmth and comfort
- · Internal chest pocket
- \cdot Hook and loop cuffs for a secure fit
- · Storm flap front to protect against the elements
- Elastic waist with toggle for a secure and comfortable fit













INSULATED





Acti-Reach™ is an innovative panel construction that minimises friction and increases arm and torso mobility when reaching, turning and twisting. The targeted ergonomic construction has minimal seams around the armhole, reducing tension points ensuring the garment moves with the body during active work.









DX449











WATERPROOF JACKET



FABRIC INFORMATION

This 3 ply fabric has a waterproof, windproof and breathable membrane laminated between a soft face fabric and a knitted inner which eliminates any movement between the layers, creating less wear and tear and a more robust garment

S385 SHELL JACKET

EN 343 CLASS 4:4 X WP 20,000MM, MVP 30,000G/M2/24HRS

Portwest Extreme Waterproof and Breathable: 100% Polyester, 150D, PU Membrane bonded to 100% Polyester 20D Tricot, 205g

Black XS-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- · Reflective tape for increased visibility
- · Drawcord adjustable hem
- · Hook and loop cuffs for a secure fit
- · Chin guard for added comfort and stability
- · Internal pockets for safe storage



- DURABLE WATER REPELLENT TREATED OUTER FABRIC
- 2 WATERPROOF AND BREATHABLE MEMBRANE
- 3 BREATHABLE INNER LINING











WATERPROOF **JACKET**



PW330 PW3 OVERHEAD RAIN JACKET

EN 343 CLASS 3:2 X WP 10,000MM, MVP 4,000G/ M²/24HR

100% Polyester, TPU Coated, 140g

Body: 100% Polyester Mesh, 65g Sleeves & Hood: 100% Polyester Taffeta, 52g

Black S-3XL

- · Waterproof and breathable with taped seams to prevent water penetration
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Hook and loop cuffs for a secure fit
- Reflective print for increased visibility and safety
- · Drawcord adjustable hem
- · Engineered with an active fit









S600 KX3 RAIN JACKET

EN 343 CLASS 3:2 X WP 10,000MM, MVP 4,000G/ M²/24HR

100% Polyester, TPU Coated, 140g Body and Hood: 100% Polyester Mesh, 65g Sleeves: 100% Polyester Taffeta, 60g Black S-3XL, Navy S-3XL

· Waterproof and breathable with taped seams to prevent water penetration

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Engineered with an active fit
- · Internal chest pocket
- · Zipped vents at underarm for extra breathability
- · Grown on hood is stylish and practical







10,000 MM

4,000 MVP

WATERPROOF **JACKET**

S555 OUTCOACH RAIN JACKET

EN 343 CLASS 3:3 X WP 10,000MM, MVP 15,000G/M2/24HR

100% Polyester 600D Oxford, PU Coated, 230g
Body Lining: 100% Polyester Mesh, 65g Sleeve: 100% Polyester 190T Taffeta, 60g

Black S-5XL, Dark Navy S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Abrasion resistant oxford polyester
- · Hook and loop cuffs for a secure fit
- · Water resistant zips to prevent water penetration







10,000 MM





F440 CLASSIC IONA RAIN JACKET

EN 343 CLASS 3:1 X WP 5.000MM EN 17353 TYPE B3

100% Polyester, PVC Coated, 210g Black S-6XL, Navy S-6XL

- · Lightweight, waterproof fabric with taped seams prevents water penetration
- · Vented back yoke and eyelets for added breathability and comfort
- · Inner elasticated cuff
- · Reflective tape for increased visibility









5,000 MM



F438 CLASSIC IONA RAIN COAT

EN 343 CLASS 3:1 X WP 5,000MM EN 17353 TYPE B3

100% Polyester, PVC Coated, 210g
Navy S-4XL

- · Lightweight, waterproof fabric with taped seams prevents water penetration
- Vented back yoke and eyelets for added breathability and comfort
- · Inner elasticated cuff
- · Reflective tape for increased visibility













WATERPROOF BOMBER JACKET

IONA

S435 IONA 4-IN-1 BOMBER JACKET

EN 343 CLASS 3:1 X WP 15,000MM

EN 17353 TYPE B3

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU

Coated, 190g

100% Polyester Fur Lining, 365y
Body/Sleeve: 100% Polyester, 60g
Sleeve: 100% Polyester Filling, 120g

Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface

- Abrasion resistant oxford polyester
- Detachable lining for added versatility in all weather conditions
- Zip out sleeves for multi use
- · Knitted cuffs and hem
- · Reflective tape for increased visibility















EN 343 CLASS 3:1 X WP 15,000MM

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU

Coated, 190g

100% Polyester Taffeta, 52g 100% Polyester Fur Lining, 400g Sleeve: 100% Polyester Filling, 160g Black S-3XL, Navy S-3XL

Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface

- · Zip out sleeves for multi use
- · Detachable lining for added versatility in all weather conditions
- Multiple utility pockets providing ample storage
- Knitted cuffs and hem
- Storm flap front to protect against the elements















S434 IONA LITE WINTER BOMBER JACKET

EN 343 CLASS 3:1 X WP 15.000MM EN 342 0.342M2. K/W (B), 2, X

EN 17353 TYPE B3

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant

Finish, Double PU Coated, 190g 100% Polyester Taffeta, 60g 100% Polyester, 170g

Black S-3XL, Navy XS-5XL

- Durable and waterproof jacket with sealed seams
- Quilt lined for thermal insulation
- · Abrasion resistant oxford polyester
- · Inner ribbed cuffs for warmth and comfort















KX361 KX3 BOMBER JACKET

EN 343 CLASS 3:2 X WP 10,000MM, MVP 3,000G/M²/24HR

100% Polyester, TPU Coated, 175g 190T: 100% Polyester, Taffeta, 52g

Black S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Inner ribbed cuffs for warmth and comfort
- · Elasticated hem for a secure and comfortable fit
- · Side zip pockets









EN 343 CLASS 3:1 X WP 3.000MM

100% Polyester 240T Pongee, PVC Coated, 210g

Body: 100% Polyester Fleece, 180g Sleeves: 100% Polyester

Taffeta 190T, 52g

Sleeve: 100% Polyester Filling, 80g

Black XS-3XL, Navy XS-3XL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Fully lined and padded to trap the heat and increase warmth
- · Internal pocket for safe storage
- · Storm flap front to protect against the elements









SHARED FEATURES

INSULATED

SLIM FIT

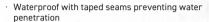
DX458 DX4 WINTER TROUSERS

EN 343 CLASS 3:1 X WP 20.000MM EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Portwest Extreme Waterproof: 100% Polyester, 300D Stretch Oxford, Stain Resistant finish, PU Membrane, 200g

100% Polyester, 52g InsulatexPro: 100% Polyester, 160g

X Black



- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Detachable bib and braces for greater versatility · Rule pocket
- · Hammer loop for secure storage of work tools
- Multiple side zip compartments for secure storage





COLLECTION







SEE PAGE 🗓 OR SCAN OR CODE TO VIEW THE FULL **DX4** COLLECTION ONLINE



REG: 31" (79CM) ADJUSTABLE TO 33" (84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	













WATER RESISTANT SOFTSHELL TROUSERS

DX450 DX4 DETACHABLE HOLSTER POCKET SOFTSHELL TROUSERS

WATERPROOF / BREATHABILITY WP 8.000MM, MVP 3.000G/M2/24HR

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0

(WHEN USED IN COMBINATION WITH \$156)

Ripshell: 92% Polyester, 8% Elastane Ripstop laminated to 100% Polyester Micro Fleece (3L), 315g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 235g CorePro: 87% Nylon 13% Elastane 245g

|||||||||X Black

- · Durable, breathable, windproof and water resistant fabric
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- 4-way stretch fabric for ease of movement and added comfort
- 14 pockets for ample storage
- Multiple side zip compartments for secure storage
- Crotch gusset to reduce stress and prevent seam failure





COLLECTION









SEE PAGE 30, OR SCAN QR CODE TO VIEW THE FULL **DX4** COLLECTION ONLINE



REG: 31" (79CM) ADJUSTABLE TO 33" (84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	







WATERPROOF TROUSERS

S482 IONA LITE WINTER TROUSERS

EN 343 CLASS 3:1 X WP 15,000MM EN 342 0.349M2, K/W (B), 2, X

EN 17353 TYPE B2

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

100% Polyester, 60g 100% Polyester, 170g Navy XS-XXL

Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface

- · Fully lined and padded to trap the heat and increase warmth
- · Abrasion resistant oxford polyester
- Fully elasticated waistband for ultimate wearer comfort

















S481 IONA LITE RAIN TROUSERS

EN 343 CLASS 3:1 X WP 15.000MM

EN 17353 TYPE B2

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Navy XS-3XL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Abrasion resistant oxford polyester
- · Fully elasticated waistband for ultimate wearer comfort
- · Side access pockets











T604 PW3 RAIN TROUSERS

EN 343 CLASS 3:3 X WP 10,000MM, MVP 10,000G/M2/24HR

300D Breathable: 100% Polyester 300D Oxford, Stain Resistant Finish, Double PU Coated, 190g

Black XS-3XL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Fully elasticated waistband for ultimate wearer comfort
- Easy access cargo pockets
- Knee pad pockets to facilitate knee pads





















WATERPROOF TROUSERS

S556 VANQUISH RAIN TROUSERS

EN 343 CLASS 3:3 X WP 10,000MM, MVP 15,000G/

100% Polyester 600D Oxford, PU Coated, 230g

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Abrasion resistant oxford polyester
- · 2 side zip pockets for secure storage
- · Elastic waist with toggle for a secure and comfortable fit













F441 CLASSIC IONA RAIN TROUSERS

EN 343 CLASS 3:1 X WP 5,000MM EN 17353 TYPE B2

100% Polyester, PVC Coated, 210g Navy S-6XL

- · Lightweight, waterproof fabric with taped seams prevents water penetration
- · Side access pockets
- · Fully elasticated waistband for ultimate wearer comfort
- · Stud adjustable hems for a secure fit



















COVERALL

FABRIC INFORMATION

Made with 300 Denier 100% polyester yarn, this is a tough fabric for tough conditions. 300D fabric has superb abrasion and tear resistance. The polyurethane (PU) coating on the inside makes the fabric durable and waterproof, and the outer has a water and stain repellent coating which helps keep the garment clean.

S585 WINTER COVERALL

EN 343 CLASS 3:1 X WP 10.000MM EN 342 0.341M². K/W (B), 2, X EN 17353 TYPE B2

300D Industry: 100% Polyester, 300D Oxford, Stain Resistant finish, Double PU Coated, 190g 100% Polyester, 60g 100% Polyester, 170g

Black S-XXL, Grey S-XXL, Navy S-XXL, Red S-XXL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Abrasion resistant oxford polyester
- · Quilt lined for thermal insulation
- · Inner ribbed cuffs for warmth and comfort · Zipped ankles for easy fitting over work
- · Double-layer reinforced knee protection for extra strength and durability













TESTED AND CERTIFIED TO EN13034 CHEMICAL RESISTANCE STANDARD.

S350 SEALTEX AIR JACKET

EN 343 CLASS 4:2 X WP 5,000MM, MVP 3000G/M2/24HR EN 13034 TYPE PB [6]

Sealtex Air: 100% Polyester Tricot, PU Coated, 180g
Navy S-3XL

- · Breathable fabric to draw moisture away from the body keeping the wearer cool, dry and comfortable
- · Waterproof with welded seams to prevent water penetration
- · Durable and stretchy with wipe clean finish
- · Increased breathability with a vented back yoke
- · Stud adjustable cuffs for a secure fit
- · Inner elasticated cuff











5,000 MM 3,000 MVP





EN 343 CLASS 4:2 X WP 5,000MM, MVP 3000G/M2/24HR EN 13034 TYPE PB [6]

Sealtex Air: 100% Polyester Tricot, PU Coated, 180g
Navy S-3XL

- Breathable fabric to draw moisture away from the body keeping the wearer cool, dry and comfortable
- Waterproof with welded seams to prevent water penetration
- · Durable and stretchy with wipe clean finish
- Fully elasticated waistband for ultimate wearer comfort
- · Stud adjustable hems for a secure fit
- Retail bag which aids presentation for retail sales

















JACKET AND TROUSERS

Sealtex[™] Ocean is very soft and extremely flexible. It does not have the rigid stiffness usually associated with PVC blended fabric. This fabric is tested and proven to be highly water resistant. It has an additional tricot knitted backing for maximum wearer comfort.

> **IMPROVED** WATERPROOF

S250 SEALTEX OCEAN JACKET

EN 343 CLASS 4:1 X WP 5,000MM

Sealtex Ocean: 100% Polyester Tricot, 95%

PVC, 5% PU Coated, 310g Navy S-XXL

- · Waterproof with welded seams to prevent water penetration
- Durable and stretchy with wipe clean finish
- · Heavy duty plastic zip and full hook and loop fastening
- · Stud adjustable cuffs for a secure fit

S251 SEALTEX OCEAN TROUSERS

EN 343 CLASS 4:1 X WP 5.000MM

Sealtex Ocean: 100% Polyester Tricot, 95% PVC, 5% PU Coated, 310g

Navy S-XXL

- · Waterproof with welded seams to prevent water penetration
- Durable and stretchy with wipe clean finish
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface







5,000 MM



SEALTEX ESSENTIAL



L450 SEALTEX ESSENTIAL RAINSUIT (2 PIECE SUIT)

EN 343 CLASS 4:1 X WP 5.000MM

Sealtex Essential: 100% Polyester Tricot, 95% PVC, 5% PU Coated, 330g

Navy S-3XL

- · Waterproof with welded seams to prevent water
- Stud adjustable cuffs for a secure fit
- Storm flap front to protect against the elements
- Stud adjustable hems for a secure fit





















WATERPROOF **JACKET AND TROUSERS**

These styles are guaranteed to keep the wearer dry in the most adverse conditions. The welded seams ensure rain and wind are locked out and the durable, stretchy fabric can easily be wiped clean, allowing Sealtex garments to look good and last for longer.

S450 SEALTEX CLASSIC JACKET

EN 343 CLASS 4:1 X WP 5,000MM

Sealtex Classic: 100% Polyester Tricot, PU Coated, 200g

Black S-XXL, Navy S-5XL, Olive Green S-3XL

Yellow S-3XL

- · Waterproof with welded seams to prevent water penetration
- Durable and stretchy with wipe clean finish
- · Vented back voke and evelets for added breathability and comfort
- Stud adjustable cuffs for a secure fit
- Double storm flap to protect against the elements
- Concealed stud and zip fastening













S451 SEALTEX CLASSIC TROUSERS

EN 343 CLASS 4:1 X WP 5,000MM

Sealtex Classic: 100% Polyester Tricot, PU Coated, 200g

Black S-XXL, Navy S-5XL, Olive Green S-3XL

Yellow S-3XL

- Waterproof with welded seams to prevent water penetration
- Durable and stretchy with wipe clean finish
- Fully elasticated waistband for ultimate wearer comfort
- Stud adjustable hems for a secure fit
- Retail bag which aids presentation for retail sales
- Generous fit for wearer comfort















BIB AND BRACE AND COVERALL









EN 343 CLASS 4:1 X WP 5,000MM

Sealtex Classic: 100% Polyester Tricot, PU Coated, 200g
Navy S-3XL

- · Waterproof with welded seams to prevent water penetration
- · Durable and stretchy with wipe clean finish
- · Adjustable straps with durable buckle closure
- · Stud adjustable hems for a secure fit
- · Elasticated straps
- · Retail bag which aids presentation for retail sales



S452 SEALTEX CLASSIC COVERALL

EN 343 CLASS 4:1 X WP 5,000MM

Sealtex Classic: 100% Polyester Tricot, PU Coated, 200g
Navy S-3XL
Vellow M-3XL

· Waterproof with welded seams to prevent water penetration

- · Durable and stretchy with wipe clean finish
- · Side access pockets
- · Elasticated back waist for a secure fit
- · Inner elasticated cuff
- · Double storm flap to protect against the elements





















CLASSIC RAINWEAR

S440 CLASSIC RAIN JACKET

EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, PVC Coated, 210g Black XS-5XL, Navy XS-7XL, Olive Green S-5XL Orange S-4XL, Yellow S-5XL

- · Lightweight, waterproof fabric with taped seams prevents water penetration
- Vented back yoke and eyelets for added breathability and
- · Inner elasticated cuff
- · Pack away hood for added functionality







5,000 MM





S441 CLASSIC RAIN TROUSERS EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, PVC Coated, 210g Black XS-7XL, Navy XS-7XL, Olive Green S-4XL Yellow S-6XL

- · Lightweight, waterproof fabric with taped seams prevents water penetration
- Side access pockets
- · Fully elasticated waistband for ultimate wearer comfort
- · Stud adjustable hems for a secure fit











5,000 MM



EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, PVC Coated, 190g Navy S-5XL Yellow S-4XL

- Lightweight, waterproof fabric with taped seams prevents water penetration
- Vented back yoke and eyelets for added breathability and comfort
- · Front zip opening for easy access
- · Elasticated cuffs for a secure fit

















S438 CLASSIC RAIN COAT EN 343 CLASS 3:1 X WP 5,000MM

100% Polyester, PVC Coated, 210g
| Black S-4XL, Navy S-4XL|
| Yellow S-3XL

- · Lightweight, waterproof fabric with taped seams prevents water penetration

 Vented back yoke and eyelets for added
- breathability and comfort
- Inner elasticated cuff
 Front zip opening for easy access
- · Pack away hood for added functionality
- · Generous fit for wearer comfort























SOFTSHELL BOMBER JACKET



EV464 EV4 SOFTSHELL BOMBER JACKET (3L)

WATERPROOF / BREATHABILITY WP 8,000MM,

MVP 3,000G/M2/24HR

Ripshell: 92% Polyester, 8% Elastane Ripstop laminated to 100% Polyester Micro Fleece (3L), 315g

Titanmill Ultra Stretch: 92% Nylon, 8% Elastane 230G CorePro Armour: 72% Nylon, 16%

Polyester, 12% PU 260G Black S-3XL, Metal Grey S-3XL

- · Durable, breathable, windproof and water resistant fabric
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Contemporary design with an ergonomic cut
- Pre-bent sleeves allow for increased freedom of movement
- ActiReach™ Active armhole for ergonomic overreach
- Laser cut holes for added ventilation



COLLECTION



SEE PAGE 24 OR SCAN QR CODE TO VIEW THE FULL **EV4** COLLECTION ONLINE







resistance











shoulders for ultimate abrasion







T753 WX3 ECO HYBRID **SOFTSHELL JACKET (2L)**

94% GRS Polyester, 6% Elastane Ripstop bonded to 100% GRS Polyester Micro Fleece (2L), 280g

100% Recycled Polyester Weft Knit with Brushed Back, 310g

Black S-3XL

- Durable, breathable, windproof and water resistant fabric
- Eco-conscious certified recycled fabric
- Zipped chest pocket
- Elasticated cuffs for a secure fit
- Back vent for breathability and comfort
- Pre-bent sleeves allow for increased freedom of movement









TEXPEL

T750 WX3 SOFTSHELL JACKET (3L)

WATERPROOF / BREATHABILITY -WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g

Deep Red S-3XL, Metal Grey S-5XL, Olive Green S-3XL, Persian Blue S-3XL

- Durable, breathable, windproof and water resistant fabric
- · Sleeve pocket
- · Elasticated cuffs for a secure fit
- Back vent for breathability and comfort
- Reflective trim for increased visibility and safety
- Pre-bent sleeves allow for increased freedom of movement







SOFTSHELL JACKET (3L)



KX362 KX3 HOODED SOFTSHELL (3L)

WATERPROOF / BREATHABILITY WP 8,000MM, MVP 3,000G/M²/24HR

Ripshell: 92% Polyester, 8% Elastane Ripstop laminated to 100% Polyester Waffle Micro Fleece (3L), 310g

Black S-3XL, Black/Grey S-3XL

- · Durable, breathable, windproof and water resistant
- Ripstop fabric to ensure durability and resistance to tearing and ripping
- Contemporary design with an ergonomic cut
- Side zip pockets
- · Hook and loop cuffs for a secure fit
- Pre-bent sleeves allow for increased freedom of movement









PW378 PW3 SOFTSHELL JACKET (3L)

WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g ■ Black/Zoom Grey S-3XL

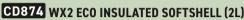
- · Durable, breathable, windproof and water resistant fabric
- Reflective trim for increased visibility and safety
- Drawcord adjustable hem
- Hook and loop cuffs for a secure fit
- · Side zip pockets
- · Zipped chest pocket











100% GRS Polyester 2L Softshell bonded to 100% GRS Polyester Micro Polar Fleece, 280g

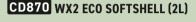
190T: 100% Polyester, Taffeta, 52g 100% Polyester, 160g

Black S-3XL, Dark Navy S-3XL, Metal Grey S-3XL

Durable, breathable, windproof and water resistant fabric

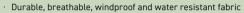
Micro polar fleece lined and bonded with shell





100% GRS Polyester 2L Softshell bonded to 100% GRS Polyester Micro Polar Fleece, 280g 93% Polyester, 7% Elastane, 270g Black S-3XL, Dark Navy S-3XL, Deep Red S-3XL, Metal Grey

S-3XL, Olive Green S-3XL, White S-3XL



Micro polar fleece lined and bonded with shell







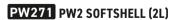












94% Polyester, 6% Elastane bonded to 100% Polyester Micro Fleece (2L),

Black/Red S-3XL, Black/Zoom Grey S-3XL, Navy/Royal S-3XL

- Durable, breathable, windproof and water resistant fabric
- Micro polar fleece lined and bonded with shell



PW278 PW2 WOMEN'S SOFTSHELL (2L)

94% Polyester, 6% Elastane bonded to 100% Polyester Micro Fleece (2L), 280g

Black/Red XS-XXL, Black/Zoom Grey XS-XXL, Navy/Royal XS-XXL

- Durable, breathable, windproof and water resistant fabric
- Micro polar fleece lined and bonded with shell







SOFTSHELL JACKET (3L)

TK40 OREGON MEN'S SOFTSHELL JACKET (3L)

WATERPROOF / BREATHABILITY - WP 3,000MM, MVP 1000G/

M2/24HR

94% Polyester, 6% Elastane bonded to 100% Polyester Micro Fleece (2L), 320g

Black S-4XL, Navy S-3XL

- Durable, breathable, windproof and water resistant fabric
- · Micro polar fleece lined and bonded with shell
- · Phone pocket
- · Hook and loop cuffs for a secure fit













3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g

100% Polyester Taffeta, 65g

Black XS-XXL, Charcoal Grey XS-XXL, Navy XS-XXL

- · Showerproof to resist light rain
- Extra long body length
- · Storm flap front to protect against the elements
- · Drawcord adjustable waist for a comfortable fit









WATERPROOF / BREATHABILITY - WP 3,000MM, MVP 1000G/M2/24HR

94% Polyester, 6% Elastane bonded to 100% Polyester Micro Fleece (2L), 320g

Black XS-XXL, Navy XS-XXL

- · Durable, breathable, windproof and water resistant fabric
- · Micro polar fleece lined and bonded with shell
- · Phone pocket
- · Hook and loop cuffs for a secure fit







SOFTSHELL JACKET (3L)

TK50 SOFTSHELL JACKET (3L)

WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/ M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g

Total Weight 310g Black XS-5XL, Navy XS-5XL

- Durable, breathable, windproof and water resistant fabric
- · Micro polar fleece lined and bonded with shell
- Generous fit for wearer comfort
- · Waterproof zips to prevent water penetration













WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g Black S-3XL, Navy S-3XL

- Durable, breathable, windproof and water resistant fabric
- · Micro polar fleece lined and bonded with shell
- · Premium styling with pre-formed elbow shaping
- · Internal pocket for safe storage













TK54 IONA SOFTSHELL JACKET (3L)

EN 17353 TYPE B3

WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece, 310g Navy S-3XL

- Durable, breathable, windproof and water resistant fabric
- · Micro polar fleece lined and bonded with shell
- · Waterproof zips to prevent water penetration
- · Hook and loop cuffs for a secure fit















TK20 PRINT AND PROMO **SOFTSHELL JACKET (2L)**

96% Polyester, 4% Elastane bonded to 100% Polyester Micro Fleece (2L),

Aqua S-3XL, Black S-5XL, Navy S-5XL, White S-XL, Grey Marl S-3XL

- · Durable, breathable, windproof and water resistant fabric
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric
- · Micro polar fleece lined and bonded with shell
- · Zipped pockets
- · Ideal for corporate wear and custom finishes









96% Polyester, 4% Elastane bonded to 100% Polyester Micro Fleece (2L), 280g

Aqua XS-XXL, Black XS-XXL, Grey Marl XS-XXL, Navy XS-XXL, White

- · Durable, breathable, windproof and water resistant fabric
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Micro polar fleece lined and bonded with
- · Zipped pockets
- · Ideal for corporate wear and custom finishes
- · 2 layer









SOFTSHELL GILET



DX476 DX4 SOFTSHELL GILET (3L)

WATERPROOF / BREATHABILITY WP 8,000MM, MVP 3,000G/M2/24HR

Ripshell: 92% Polyester, 8% Elastane Ripstop laminated to 100% Polyester Micro Fleece (3L), 315g 100% Polyester Mesh, 165g

Black S-3XL

- · Durable, breathable, windproof and water resistant fabric
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Dynamic inner contrasting fabric
- · Reflective piping for increased visibility









T751 WX3 SOFTSHELL GILET (3L)

WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g

Metal Grey S-3XL, Persian Blue S-3XL

- · Durable, breathable, windproof and water resistant fabric
- · Contemporary design with an ergonomic cut
- · Internal pockets for safe storage
- · Side zip pockets





VIEW







KX363 KX3 SOFTSHELL GILET (3L)

WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M²/24HR

Ripshell: 92% Polyester, 8% Elastane Ripstop laminated to 100% Polyester Waffle Micro Fleece (3L), 310g

Black S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Ripstop fabric to ensure durability and resistance to tearing and ripping
- · Multiple utility pockets providing ample storage
- · Handwarmer pockets











SOFTSHELL GILET



CD876 WX2 ECO SOFTSHELL GILET (2L)

100% GRS Polyester 2L Softshell bonded to 100% GRS Polyester Micro Polar Fleece, 280g

93% Polyester, 7% Elastane, 270g

Black S-3XL, Dark Navy S-3XL, Deep Red S-3XL, Metal Grey S-3XL, Olive Green S-3XL, White S-3XL

- · Durable, breathable, windproof and water resistant fabric
- · Micro polar fleece lined and bonded with shell
- · Drawcord adjustable hem
- · Innovative stretch panelling in key movement areas provides excellent comfort and flexibility

















TK51 SOFTSHELL GILET (3L)
WATERPROOF / BREATHABILITY - WP 8,000MM, MVP 3,000G/M2/24HR

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g

Total Weight 310g

Black XS-3XL, Navy XS-3XL

- $\cdot\,$ Durable, breathable, windproof and water resistant fabric
- Micro polar fleece lined and bonded with shell
- · Waterproof zips to prevent water penetration
- · Phone pocket





√ NEW









TK22 PRINT AND PROMO SOFTSHELL GILET (2L)

96% Polyester, 4% Elastane bonded to 100% Polyester Micro Fleece (2L), 280g

Black S-5XL, Navy S-5XL, White S-5XL

- $\cdot\,$ Durable, breathable, windproof and water resistant fabric
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Micro polar fleece lined and bonded with shell
- · Zipped pockets















DX468 DX4 INSULATED JACKET

WATERPROOF / BREATHABILITY WP 20,000MM,

MVP 10,000G/M2/24HRS

Portwest Extreme Waterproof: 100% Polyester Stretch, 150D, PU Membrane, 160g 100% Polyester Stretch 75D Pongee, 80g InsulatexPro: 100% Polyester, 240g Black S-3XL, Metro Blue S-3XL

- Durable, breathable, windproof and water resistant
- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- InsulatexPro lining offers superior warmth without adding unnecessary weight
- Dynamic inner contrasting fabric
- Elasticated cuffs for a secure fit
- · Drawcord adjustable hem





COLLECTION







SEE PAGE 30, OR SCAN QR CODE TO VIEW THE FULL **DX4** COLLECTION ONLINE









GARMENT BENEFITS

Heated jackets are constructed using innovative carbon fibre technology, featuring three panels on critical points of the body. Each jacket includes a 10,000MA USB rechargeable battery that powers the heat technology (3-4 hours charging required).

The built-in controls allow the wearer to switch between three settings of heat; high, medium, low. The heated panels will give temperatures between 25-45°C and can last up to 10 hours, depending on

S547 ULTRASONIC HEATED TUNNEL JACKET

HEATED

JACKET

100% Polyester 300T Microfibre, Anti-Static Finish, 65q

100% Polyester, 55g InsulatexPro: 100% Polyester, 260g Black S-3XL

- · Premium water resistant fabric
- · Heat sealed seams for increased water and wind resistance
- · InsulatexPro lining offers superior warmth without adding unnecessary weight
- Battery powered carbon fibre heated panels bring extra warmth to the wearer
- · Elasticated cuffs for a secure fit
- · Drawcord adjustable hem







S549 ULTRASONIC **HEATED TUNNEL GILET**

100% Polyester 300T Microfibre, Anti-Static Finish, 65g 100% Polyester, 55g InsulatexPro: 100% Polyester, 260g Black S-3XL

- · Premium water resistant fabric
- · Heat sealed seams for increased water and wind resistance
- · InsulatexPro lining offers superior warmth without adding unnecessary weight
- Battery powered carbon fibre heated panels bring extra warmth to the wearer
- · Elasticated armholes
- · Drawcord adjustable hem













INSULATED

PW329

PW399





PW329 PW3 SQUARE BAFFLE JACKET

100% Polyester 300T Microfibre, Anti-Static Finish, 60g 190T: 100% Polyester, Taffeta, 52g 100% Polyester, 200g

Black S-3XL

· Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface

- Fully lined and padded to trap the heat and increase warmth
 Designed with a comfort fit
- 3 pockets for ample storage
- Zipped chest pocket
- · Side zip pockets









INSULATED **JACKET**



S546 KX3 ULTRASONIC TUNNEL

100% Polyester 300T Microfibre, Anti-Static Finish, 65g

Finisn, 65g 100% Polyester, 65g InsulatexPro: 100% Polyester, 260g

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Heat sealed seams for increased water and wind resistance
- · Inner soft Insulatex lining offering warmth and comfort
- · Elasticated cuffs for a secure fit
- · Drawcord adjustable hem
- · 5 pockets for ample storage









S543 ASPEN BAFFLE JACKET

100% Nylon 20D, Anti Static Finish, 40g 100% Nylon, 55g 100% Polyester, 300g Black S-3XL, Navy S-3XL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Fully lined and padded to trap the heat and increase warmth







S545 WOMEN'S ASPEN BAFFLE JACKET

100% Nylon 20D, Anti Static Finish, 40g 100% Nylon, 55g 100% Polyester, 300g Black XS-XXL, Navy XS-XXL

- Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Fully lined and padded to trap the heat and increase warmth











Titanmill Ultra: 100% Nylon 300T,
Anti-Static Finish, 65g

75% Polyester, 20% Rayon, 5% Elastane, 330g

100% Polyester, 120g

Black S-3XL, Metal Grey S-3XL, Metro Blue S-3XL

- · Body-mapped design helps balance insulation and increase freedom of movement
- Dynamic inner contrasting fabric
- · Internal pockets for safe storage
- · Zipped chest pocket
- · Elasticated cuffs for a secure fit
- · Reflective piping for increased visibility









Titanmill Ultra: 100% Nylon 300T, Anti-Static Finish, 65g

75% Polyester, 20% Rayon, 5% Elastane, 330g |<u>YYYYYY</u> 100% Polyester, 120g

Black S-3XL, Metal Grey XS-3XL, Metro Blue S-3XL

- · Body-mapped design helps balance insulation and increase freedom of movement
- Dynamic inner contrasting fabric
- · Internal pockets for safe storage
- Zipped chest pocket
- Reflective piping for increased visibility
- · Curved back hem for added protection











HYBRID BAFFLE JACKET





T752 WX3 HYBRID BAFFLE JACKET

94% Polyester, 6% Elastane laminated to 100% Polyester Micro Fleece (3L), 310g

Titanmill Ultra Ripstop: 100% Nylon Ripstop, 65g

100% Polyester, 120g

Metal Grey S-3XL, Persian Blue S-3XL

- Body-mapped design helps balance insulation and increase freedom of movement
- Durable, breathable, windproof and water resistant fabric
- · Internal pockets for safe storage
- · Side zip pockets
- Elasticated cuffs for a secure fit
- Reflective trim for increased visibility and









T832 KX3 HYBRID BAFFLE JACKET

Titanmill Ultra: 100% Nylon 40D, Anti-Static Finish, 60g

100% Polyester Weft Knit with Brushed Back, 310g

100% Polyester, 120g

Grey Marl XS-3XL

- Body-mapped design helps balance insulation and increase freedom of movement
- Knitted fabric with brushed backing
- · Internal pocket for safe storage
- Elastic bound hem and cuffs for comfort and warmth
- Reinforced panels in high wear areas for maximum durability
- 4 pockets for ample storage









HYBRID BAFFLE JACKET





49% Polyester, 44% Cotton, 7% Elastane, 350g

100% Polyester, 135g
InsulatexPro: 100% Polyester, 260g

· Body-mapped design helps balance insulation and increase freedom of movement

· Zipped chest pocket

· Elasticated cuffs for a secure fit

· Curved back hem for added protection

· Drawcord adjustable hem

· Side zip pockets

IDEAL FOR CORPORATE BRANDING











PILOT **JACKET**









PJ10 PILOT JACKET

60% Cotton, 40% Polyester, Shower-Proof Finish, 240g

Proof Finish, 2409
100% Polyester, 50g
100% Polyester Fur Lining, 440g
100% Polyester Wadding, 120g
100% Polyester Wadding, 120g Black XS-5XL, Navy XS-5XL, Red XS-

· High cotton content for superior comfort

· Knitted cuffs and hem

· 6 pockets for ample storage

· Jacket can be worn four ways for multi use

· Phone pocket

2

· Two-way zip for quick and easy access



















60% Cotton, 40% Polyester, Shower-Proof Finish, 240g 100% Polyester, 50g 100% Polyester Fur Lining, 440g

100% Polyester Wadding, 120g Black/Grey XS-5XL, Navy XS-5XL, White XS-5XL

- · High cotton content for superior comfort
- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric
- · 6 pockets for ample storage
- · Jacket can be worn four ways for multi use
- · Zip out sleeves for multi use
- · Phone pocket















KX374 KX3 ULTRASONIC BODYWARMER

100% Polyester 300T Microfibre, Anti-Static

Finish, 65g
100% Polyester, 65g
InsulatexPro: 100% Polyester, 260g

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Heat sealed seams for increased water and wind resistance
- · InsulatexPro lining offers superior warmth without adding unnecessary weight
- · Elasticated cuffs for a secure fit
- Drawcord adjustable hem
- · 5 pockets for ample storage









100% Nylon 20D, Anti Static Finish, 40g 100% Nylon, 55g 100% Polyester, 300g Black S-3XL, Navy S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- Fully lined and padded to trap the heat and increase warmth
- · Designed with a comfort fit
- · Secure zip pocket for added security
- · Drawcord adjustable hem
- · Reversed zip for convenient opening/closing







INSULATED

BODYWARMER

S418 RS REVERSIBLE BODYWARMER

100% Polyester, Ripstop, PVC Coated, 230g 100% Polyester, Anti-Pill finish Fleece, 260g Navy XS-4XL, Grey S-3XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Fleece lining for added warmth and comfort
- · Phone pocket
- · Zipped pockets
- · Drawcord adjustable hem
- · Reversible garment for multi use











100% Polyester Pongee, PVC Coated, 160g 100% Polyester, 60g 100% Polyester, 200g Black XS-4XL, Navy XS-4XL

- · Extremely water resistant eco-conscious fabric finish, water beads away from fabric surface
- · Fully lined and padded to trap the heat and increase warmth
- · Handwarmer pockets
- · Pen division
- · Storm flap front to protect against the elements
- · Stud front opening for easy access











S414 SHETLAND BODYWARMER

65% Polyester, 35% Cotton Twill, 190g 100% Cotton Tartan, 130g YYYYY 100% Polyester, 200g

Black S-4XL, Bottle Green S-3XL, Navy XS-5XL

- · Durable polycotton fabric for high performance and maximum wearer
- · Cotton flanette lining for added style
- · Fully lined and padded to trap the heat and increase warmth
- · Handwarmer pockets













F414 IONA BODYWARMER

EN 17353 TYPE B3

65% Polyester, 35% Cotton Twill, 190g
100% Polyester, 60g
100% Polyester, 200g

Navy S-3XL

- $\cdot\,$ Durable polycotton fabric for high performance and maximum wearer
- · Fully lined and padded to trap the heat and increase warmth
- · Handwarmer pockets
- · ID pocket can be visible or concealed













S412 GLASGOW BODYWARMER

65% Polyester, 35% Cotton Twill, 190g
100% Nylon, 60g
100% Polyester, 150g
Navy XS-4XL

- · Durable polycotton fabric for high performance and maximum wearer
- · Fully lined and padded to trap the heat and increase warmth
- · Internal chest pocket
- · Kangaroo pocket for ample storage











EV480 EV4 TEXTURED FLEECE

EzeeCool: 100% Polyester Fleece, 215g

- · Soft and comfortable
- · Ideal for all seasons

- · Soft stretchy fleece with a wicking finish gives warm and dry comfort
- · Slim fit with stretch fabric
- · 3 pockets for ample storage



COLLECTION



SEE PAGE 24, OR SCAN QR CODE TO **VIEW THE FULL EV4 COLLECTION** ONLINE





BLACK





On trend textured fleece fabric



√ NEW

T755 WX3 HALF ZIP TECH FLEECE

100% Polyester Anti-Snag Fleece, 255g

- Zipped chest pockets
- Anti-pill durable fleece fabric
- Half length centre front zip for added comfort and versatility
- Bound cuffs for added warmth and comfort
- Heat applied segmented reflective tape for added visibility



T756 WX3 FULL ZIP TECH FLEECE

100% Polyester Anti-Snag Fleece, 255g Black S-3XL, Metal Grey S-3XL

- · Zipped chest pockets · Anti-pill durable fleece fabric
- · Bound cuffs for added warmth and comfort
- 2 pockets for secure storage
- Heat applied segmented reflective tape for added visibility





KX371 KX3 BORG FLEECE

100% Polyester Borg Fleece, 300g 100% Nylon, 100g Black S-3XL, Black/Grey S-3XL

- Reinforced panels in high wear areas for maximum
- Contemporary design with an ergonomic cut
- · Zipped pockets
- · Dropped back hem for better coverage
- · Chin guard for added comfort and stability
- · Front zip opening for easy access





100% Polyester Weft Knit with Brushed Back, 310g

94% Polyester, 6% Elastane, 300g

Grey Marl S-3XL, Persian Blue S-3XL, Platinum Grey S-3XL

- Knitted fabric with brushed backing
- Reinforced panels in high wear areas for maximum durability
- · Internal pockets for safe storage
- · Dropped back hem for better coverage
- · Front zip opening for easy access
- · 5 pockets for ample storage







CD871 WX2 ECO FLEECE

100% Recycled Polyester, Anti Pill finish Fleece, 210g

Black S-3XL, Dark Navy S-3XL, Metal Grey S-3XL

- · 5 pockets for ample storage
- Eco-conscious certified recycled fabric
 Anti-pill durable fleece fabric
- · Zipped chest pocket
- 2 side zip pockets for secure storage
 Internal pockets for safe storage



19 PET BOTTLES ARE RECYCLED TO MAKE THIS PRODUCT







PW270 PW2 FLEECE

100% Polyester, Anti-Pill finish Fleece, 210g

Fleece, 2109

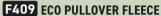
Black/Red S-3XL, Black/Zoom Grey
S-3XL, Navy/Royal S-3XL

- Contrast colouring for added style
 Contemporary design with clean cut lines
- · Non-magnetic nickel and ferrous free
- · Anti-pill durable fleece fabric
- · 2 side zip pockets for secure storage
- · Radio loop for easy clipping of a radio









100% GRS Recycled Polyester, 210g
Black S-3XL, Navy S-3XL

- · 1/4 length centre front zip for added comfort and versatility
- Made using recycled polyester



F401 CITY FLEECE

100% Polyester Anti-Pill Finish, Double Sided Bonded Fleece, 410g

- · Double sided, two tone, heavy weight polar fleece
- · Anti-pill durable fleece fabric





S665 NORTH SEA FLEECE EN 14058 CLASS 2

100% Polyester, Anti-Pill finish Fleece, 400g 100% Polyester 600D Oxford, PU Coated, 210g 100% Polyester, 55g Navy S-3XL

- · Anti-pill durable fleece fabric
- · Contrast panels for protection against dirt



F433 IONA LITE FLEECE

EN 14058 CLASS 2 EN 17353 TYPE B3

100% Polyester, Anti-Pill finish Fleece, 400g
Body: 100% Polyester Mesh, 110g Sleeves: 100% Polyester, 60g
Navy XS-4XL

- · Anti-pill durable fleece fabric
- Lined for added warmth and comfort







EN 14058 CLASS 2

100% Polyester, Anti-Pill finish Fleece, 400g

Black XS-8XL, Bottle Green S-XXL, Navy XXS-8XL, Slate Grey XS-3XL

- · Heavy weight polar fleece with anti-pill finish for added warmth and comfort
- Generous fit for wearer comfort





F205 ARAN FLEECE

EN 14058 CLASS 1

100% Polyester, Anti-Pill finish Fleece, 280g
Aqua S-3XL, Black XS-3XL, Navy XS-4XL, White S-3XL

- Middle weight polar fleece with anti-pill finish for added warmth and comfort
- Generous fit for wearer comfort







100% Polyester, Anti-Pill finish Fleece, 280g Aqua XS-XXL, White XS-XXL

- · Middle weight polar fleece with anti-pill finish for added warmth and comfort
- · Generous fit for wearer comfort



F285 WINDPROOF FLEECE

Navy S-XXL

100% Polyester, Anti-Pill finish Fleece, 280g 100% Polyester, 84g

- · Middle weight polar fleece with anti-pill finish for added warmth and comfort
- · Internal chest pocket



MERINO WOOL BASE LAYER

GARMENT BENEFITS

Portwest Merino Wool Base Layers have been designed specifically for those working in challenging outdoor environments. Experience exceptional thermal insulation, moisture-wicking properties, and breathability, ensuring you stay warm, dry, and protected during demanding workdays.



B183 MERINO WOOL CREWNECK BASELAYER TOP

50% Merino Wool, 50% Polyester, 140g Black S-XXL



B184 MERINO WOOL 1/4 ZIP BASELAYER TOP

50% Merino Wool, 50% Polyester, 140g



B181 MERINO WOOL BASELAYER LEGGING

50% Merino Wool, 50% Polyester, 140g Black S-XXL



BASE LAYER

GARMENT BENEFITS

Portwest premium base layer garments draw moisture away from the body keeping the wearer cool, dry and comfortable under exerting conditions. The fabric enables enhanced performance by rapidly wicking excess moisture away from the skin.



B173 DYNAMIC AIR BASELAYER TOP

65% Polyamide, 28% Polypropylene, 5% Elastane, 2% Polyester, 165g Charcoal S-XXL

- · Wicking, cooling and drying capabilities
- · Seamless body mapped panelling for breathability and comfort
- · Provides insulation and thermal protection
- · Fast drying
- · Contrast colour stitching for added style
- · Designed with a comfort fit

DYNAMIC AIR BASE LAYERS WITH **SEAMLESS BODY** MAPPED PANELLING FOR BREATHABILITY AND COMFORT



B171 DYNAMIC AIR BASELAYER

65% Polyamide, 28% Polypropylene, 5% Elastane, 2% Polyester, 165g Charcoal S-XXL

- · Wicking, cooling and drying capabilities
- Seamless body mapped panelling for breathability and comfort
- · Provides insulation and thermal protection
- · Fast drying
- · Contrast colour stitching for added style
- · Designed with a comfort fit



BASE LAYER



B153 BASE PRO ANTIBACTERIAL TOP

93% Wicking Polyester, 7% Elastane with Silver Ion Treatment, 165g Black S-XXL

- · Provides insulation and thermal protection
- · Unique anti-bacterial silver ion treatment





B133 THERMAL BASELAYER TOP

100% Wicking Polyester, 140g Black S-XXL, Charcoal S-4XL

- · Provides insulation and thermal protection
- Breathable, high-wicking, moisture management







B151 BASE PRO ANTIBACTERIAL LEGGING

93% Wicking Polyester, 7% Elastane with Silver Ion Treatment, 165g

- Provides insulation and thermal protection
- Unique anti-bacterial silver ion treatment





IMPROVED





- · Provides insulation and thermal protection
- Breathable, high-wicking, moisture management





BASE LAYER

VERSATILE BASE LAYER ESSENTIALS





50% Polyester, 50% Cotton, 200g

- · Women's fit
- Designed with a comfort fit
- · Round neck and long sleeves



B125 WOMEN'S THERMAL TROUSERS

50% Polyester, 50% Cotton, 200g

- Women's specialised fit
- Provides insulation and thermal protection
- Ribbed hem for a comfortable fit



B120 THERMAL T-SHIRT SHORT SLEEVE

50% Polyester, 50% Cotton, 200g

Black S-3XL, Navy XS-3XL, White S-3XL

B123 THERMAL T-SHIRT LONG SLEEVE

50% Polyester, 50% Cotton, 200g Black XS-4XL, Grey S-3XL, Navy XS-5XL, White S-3XL







B121 THERMAL TROUSERS

50% Polyester, 50% Cotton, 200g

Black XS-4XL, Grey S-3XL, Navy XS-5XL, White S-3XL



COLD STORE

GARMENT BENEFITS

For the best protection in the most hostile conditions, look no further than this outstanding collection of ColdStore garments. Our designers have worked with trial groups to develop a unique collection that is above all warm, practical and comfortable to wear. Performance is a key requirement, along with a garment that maintains heat without being bulky and heavy.



CS12 COLDSTORE COVERALL EN 342 0.454M². K/W (B), 2, X

100% Polyester Oxford, Stain Resistant Finish, 150g 100% Polyester, 60g 100% Polyester, 300g Navy S-3XL

- Abrasion resistant oxford polyester
- Quilt lined for thermal insulation
- · Elasticated back waist for a secure fit
- Knitted cuff for comfort and warmth
- · Reflective tape for increased visibility
- · Zipped ankles for easy fitting over work

EXTREME COLD WEATHER PROTECTION TO -58°C FOR ONE HOUR







COLD STORE



CS10 COLDSTORE JACKET EN 342 0.454M². K/W (B), 2, X





100% Polyester Oxford, Stain Resistant Finish, 150g 100% Polyester Taffeta, 60g 100% Polyester, 300g Navy S-6XL



- · Abrasion resistant oxford polyester
- Quilt lined for thermal insulation
- Knitted cuff for comfort and warmth
- Reflective tape for increased visibility Drawcord adjustable waist for a
- comfortable fit
- Concealed hook and loop fastening for easy closure









-58°C / 8 hr -38°C / 1 hr





CS11 COLDSTORE TROUSER

EN 342 0.454M2. K/W (B), 2, X



100% Polyester Oxford, Stain Resistant Finish, 150g
100% Polyester Taffeta, 60g
100% Polyester, 300g



Navy S-6XL

- Abrasion resistant oxford polyester
- Quilt lined for thermal insulation
- · Elasticated back waist for a secure fit · Reflective tape for increased visibility
- · Zipped ankles for easy fitting over work
- · Concealed hook and loop fastening for easy closure







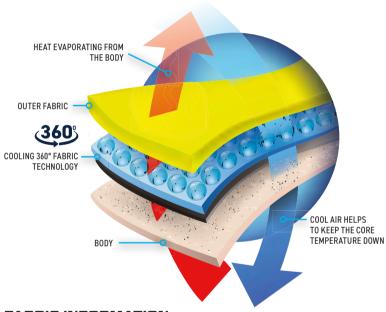
-58°C / 8 hr -38°C / 1 hr





INNOVATIVE COOLING TECHNOLOGY

This innovative range offers a comprehensive selection of products to help minimise the risk of heat stress and UV rays. Outdoor workers in construction, agriculture, mining, oil and gas and other industries frequently find themselves working in temperatures up to and over $40^{\circ}\text{C}/100^{\circ}\text{F}$. This Cooling range is ideal for use in these conditions.



FABRIC INFORMATION

Portwest evaporative cooling products are constructed from Cooling 360° Fabric Technology which uses a unique polymer chemistry. Simply activate by soaking in water creating a chemical reaction within the fabric which enables the garments to act like a sponge; retaining water, keeping the body cool in hot weather conditions.



THE GARMENT WILL REMAIN HYDRATED FOR SEVERAL HOURS

TO REACTIVATE REPEAT STEPS 1, 2 AND 3



COOLING VESTS

CV01 COOLING VEST EN 17353 TYPE B3

100% Polyester Mesh, 60g Bamboo Yarn with PVA Padding, 330g

Grey S/M,L/XL,XXL/3XL

- · Lightweight and comfortable
- · Cooling mesh fabric for increased breathability
- · Front zip opening for easy access
- · Keeps wearer cool for up to 8 hours





CV02 HI-VIS COOLING VEST

EN ISO 20471 CLASS 2 **ANSI/ISEA 107 TYPE R CLASS 2**

100% Polyester, Tricot, 120g 100% Polyester Mesh, 60g Mamboo Yarn with PVA Padding, 330g

Orange S/M,L/XL,XXL/3XL, Yellow S/M,L/XL,XXL/3XL

- · Lightweight and comfortable
- · Cooling mesh fabric for increased breathability
- · Pen pocket
- · Reflective tape for increased visibility
- · Keeps wearer cool for up to 8 hours





CV09 COOLING EVAPORATIVE VEST

EN 17353 TYPE A

100% Polyester, 140g
100% Polyester, Bird Eye Knit, 140g
Super Absorbent Fibres, 160g Yellow S/M,L/XL,XXL/3XL

· Lightweight and comfortable

- · Cooling mesh fabric for increased breathability
- · Keeps wearer cool for up to 8 hours
- · Wicking, cooling and drying capabilities





Breathable birds eye knit panels



COOLING ACCESSORIES







CV05 COOLING NECK SCARF

100% Polyester, Bird Eye Knit, 140g
PVA Padding, 210g
Black One Size, Blue One Size, Yellow One Size
95cm

- · Lightweight and comfortable
- · Neck shade for added protection against UV rays
- · Keeps wearer cool for up to 8 hours
- · Wicking, cooling and drying capabilities

CS24 COOLING MULTIWAY SCARF

Kingsmill Polyester Stretch: 92% Polyester, 8% Elastane, 180g

- · Retail box which aids presentation for retail sales
- · 4-way stretch fabric for ease of movement and added comfort
- $\cdot\,$ This product is highly versatile and can be worn in a number of different ways
- Can be worn wet or dry
- · Keeps wearer cool for up to 8 hours
- · Wicking, cooling and drying capabilities



100% Polyester, Bird Eye Knit, 140g
Super Absorbent Fibres, 160g
Black One Size, Blue One Size

- · Lightweight and comfortable
- Neck shade for added protection against UV rays
- Keeps wearer cool for up to 8 hours
- · Wicking, cooling and drying capabilities



CV11 COOLING CROWN BEANIE

100% Polyester, Bird Eye Knit, 140g
Super Absorbent Fibres, 160g

Black One Size, Blue One Size, Yellow One Size

- · Lightweight and comfortable
- · Elasticated back panel
- · Keeps wearer cool for up to 8 hours
- \cdot Wicking, cooling and drying capabilities

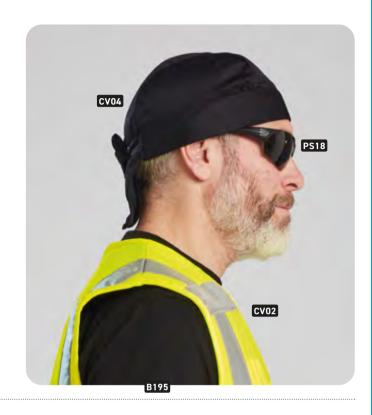
COOLING ACCESSORIES



CV06 COOLING TOWEL

PVA Padding, 210g
Blue One Size
66cm x 21cm

- · Lightweight and comfortable
- · Retail bag which aids presentation for retail sales
- Keeps wearer cool for up to 8 hours
- · Wicking, cooling and drying capabilities





CV07 COOLING HELMET SWEATBAND (SOLD IN PAIRS)

100% Cotton, 130g
Super Absorbent Fibres, 160g
Blue One Size
25.5cm

- · Lightweight and comfortable
- · Compatible with most helmets
- · Keeps wearer cool for up to 8 hours
- · Wicking, cooling and drying capabilities





100% Polyester, 140g
Super Absorbent Fibres, 160g
Yellow/Blue One Size
44cm x 28cm

Lightweight and comfortable Ring stud front for easy opening Keeps wearer cool for up to 8 hours Wicking, cooling and drying capabilities



WORKWEAR PROTECTION







INNOVATING YOUR WORKWEAR **EXPERIENCE**

PORTWEST'S TEAM OF IN-HOUSE DESIGNERS HAVE A LONG LEGACY OF CREATING STUNNING PRODUCTS THAT DELIVER ON PERFORMANCE. **DURABILITY, COMFORT AND** STYLE.

Tested to withstand the challenges of everyday wear each product has been carefully designed and manufactured to deliver outstanding quality and exceptional value.





EV4 432 DX4 434 WX3 438 КХЗ 444 PW3 448 WX2 454 PW2 458 **PORTWEST TEXO** 462 **TROUSERS**

466

ESSENTIALS

472

COVERALLS

474

PAINTERS

479

CHAINSAW

480

CUT RESISTANT

LEISUREWEAR

484

ESD

500

ACCESSORIES

504











WORKWEAR



SeratexTM is made from our softest cotton to date, carefully twill woven to create a fabric that is breathable, comfortable and kind to the skin. Engineered by nature, responsibility sourced by us.



Seratex™ Stretch is our fabric that strikes the right balance between comfort and flexibility while delivering unrivalled freedom of movement.



Seratex™ Stretch Denim is made from our softest cotton to date, carefully woven to create a fabric that is durable yet comfortable and kind to the skin.



Titanmill™ Ultra is our hardworking fabric that provides unparalleled performance and outstanding abrasion resistance. Woven with high performing and durable nylon fibres. Titanmill Ultra is the best choice for withstanding the harshest environments while providing outstanding comfort to the wearer.



Titanmill™ Ultra Stretch is our hardworking yet flexible fabric. Technically woven 4-way stretch fabric with high performing and durable nylon fibres. Enriched with highly flexible elastane optimising comfort and freedom of movement for the wearer.



Titanmill™ Ultra Ripstop Stretch strikes the ultimate balance between performance, durability and flexibility. Using our technical weave, pattern durable nylon fibres and flexible elastane, these garments provide incomparable tear and abrasion resistance and freedom of movement.



TitanmillTM Plus is constructed with the optimal blend of hardwearing polyester yarns and our softest cotton to date. Our own formulated fabric balances exceptional abrasion resistance, breathability and superior comfort.



TitanmillTM Plus Stretch Durawash is constructed with the optimal blend of polyester and cotton with specialised heat resistant stretch elastane fibres, this technically engineered fabric ensures unparalleled performance and flexibility. The cotton offers optimal comfort and polyester guarantees maximum colour fastness and dirt repellence after multiple industrial launderings.



Constructed with our technical tea

TITANMILL



TITANMILL PLUS STRETCH

Formulated for exceptional freedom of movement, exceptional abrasion resistance, breathability and superior comfort.

Constructed with our technical tear resistant weave pattern using the optimal blend of hardwearing polyester yarns, flexible elastane and our softest cotton to date.

The optimal blend of hardwearing polyester yarns and our softest cotton to date, made even softer with our peach finish.

Engineered using GRS-certified, recycled polyester yarns and our softest cotton to date for exceptional abrasion resistance, breathability and superior comfort.



TitanmillTM Pro is our premium fabric formulated with hardwearing polyester yarns in a technical weave to create high abrasion resistance and long lasting durability.



Premium polyester yarns formulated with the best combination of flexible elastane technically woven to create extended freedom of movement.



EzeeCool™ is our technical, moisture-wicking fabric, engineered to keep our wearers dry and cool when hard at work. Constructed to ensure that perspiration and excess moisture evaporate quickly for the best comfort in



Cotton Comfort™ is our softest cotton rich knit fabric to date, constructed by our mills with absolute comfort in mind. Technically knitted, the cotton is next to the skin for comfort and breathability with robust polyester yarns on the outer side for durability. Our Cotton Comfort knit blend creates unparalleled performance for our leisurewear garments.

CLASSIC FABRICS



Kingsmill™ Cotton is a twill weave 100% cotton fabric that provides exceptional comfort and breathability. This fabric has a UPF rating of 40+ to block 98% of UV rays.



Kingsmill™ Cotton Eco is our responsibly-sourced, twill weave 100% cotton fabric that provides exceptional comfort and breathability.







Kingsmill™ Cotton Stretch Eco is our responsibly-sourced, twill weave cotton and elastane blend fabric that provides exceptional flexibility, comfort and breathability.



Kingsmill™ Polycotton is polyester and cotton woven fabric. This fabric guarantees high performance and maximum comfort. The material is fully pre-shrunk, has superior dye retention and all the features you would expect from a modern workwear fabric.







Kingsmill™ Polycotton Eco fabric is our responsiblysourced fabric constructed using 65% recycled polyester, 35% cotton. This fabric is available in 245g weights for improved comfort and performance.

Kingsmill Polycotton Eco Stretch is a four way stretch fabric. This blend provides maximum movement and effortless comfort in active use, with moisture wicking and fast drying properties.







Kingsmill™ Cotton Rich Stretch provides ultimate comfort, the high cotton content gives an ultra soft handle and ensures it washes well at 60 degrees. Polyester gives extra durability.

Kingsmill™ Cotton Rich Stretch is a Cotton Rich fabric with added elastane for freedom of movement.









Kingsmill™ Nylon Stretch is highly durable, with excellent levels of abrasion resistance. Added elastane allows maximum ease of movement.







Kingsmill™ Polyester Stretch Eco is an eco-conscious stretch fabric constructed using recycled polyester. Designed to withstand the test of time, this fabric offers is durable and comfortable.



WORKWEAR









EV475 EV4 STRETCH WORK JACKET

Titanmill Ultra Stretch: 92% Nylon, 8% Elastane, 230g
Underarm Panels - Titanmill Ultra Stretch: 92% Nylon, 8%
Elastane, Jaquard Knit, 213g
Elbow - Titanmill Ultra Stretch: 87% Nylon, 13% Elastane, 4-Way
Stretch, Jacquard Weave, 245g
Black S-5XL, Metal Grey S-5XL

- · Reversed zip for convenient opening/closing
- Reinforced pocket entry for ultimate durability
- · Reflective print for increased visibility and safety
- · Laser cut holes for added ventilation
- · 3 pockets for ample storage
- · Ventilation channels















EV440 EV4 STRETCH HOLSTER TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Ultra Stretch: 92% Nylon, 8% Elastane, 230g
CorePro Armour: 72% Nylon, 16% Polyester, 12% PU 260g
Black, Metal Grey

- · Laser cut holes for added ventilation
- · Multiple utility pockets providing ample storage
- Reflective print for increased visibility and safety
- · Zip off holster pockets for added versatility
- · Rule pocket
- · Slim fit with stretch fabric

COREPRO





		INCH	CM	EU	FR
		28 - 48			
•	TALL	28 - 48	72 - 124	42 - 64	36 - 58

EV441 EV4 STRETCH SERVICE TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Ultra Stretch: 92% Nylon, 8% Elastane, 230g
CorePro Armour: 72% Nylon, 16% Polyester, 12% PU 260g
Black, Metal Grey

- · Laser cut holes for added ventilation
- · Multiple utility pockets providing ample storage
- Rule pocket
- · Reflective print for increased visibility and safety
- · Tool loop on the waistband for secure storage of your work tools
- · Slim fit with stretch fabric

COREPRO





	INCH	СМ	EU	FR
REG	28 - 48	72 - 124	42 - 64	36 - 58
TALL	28 - 48	72 - 124	42 - 64	36 - 58



STRETCH YOUR LIMITS AND YOUR COMFORT ZONE

What defines this collection is its cutting edge slim fit design, high performance stretch fabrics and clever innovations ensure the wearer achieves maximum function, comfort and style.



Titanmill™ Pro Stretch is our premium fabric formulated with the best combination of flexible elastane and hardwearing polyester yarns. Technically woven to create extended freedom of movement while achieving high abrasion resistance and long lasting durability.



COREPRO™ ADVANCED ABRASION RESISTANT

Stay protected with CorePro™ stretch panels that are precision engineered in high wear areas to provide the highest levels of abrasion resistance and durability.





TROUSERS AND SHORTS





DX456 DX4 CRAFT HOLSTER TROUSERS EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g

CorePro: 87% Nylon, 13% Elastane, 245g

- · 4-way stretch fabric for ease of movement and added comfort
- · Slim fit design for exceptional comfort
- 12 Pockets for ample storage
- · Double rule pocket
- · Air vents for extra breathability
- Top-loading knee pad pockets for quick and easy access

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	







270g



270g





DX451 DX4 CRAFT HOLSTER SHORTS

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g
Black 28-48

- 4-way stretch fabric for ease of movement and added comfort
- Stretch crotch gusset provides maximum flexibility and reduces stress
- · 12 Pockets for ample storage
- · Double rule pocket
- · Air vents for extra breathability
- · Side elastic waist for ultimate wearer comfort

DX443 DX4 SERVICE TROUSERS

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 235g

Black

- 4-way stretch fabric for ease of movement and added comfort
- · Stretch crotch gusset provides maximum flexibility and reduces stress
- · 7 pockets for ample storage
- · Rule pocket
- · Side elastic waist for ultimate wearer comfort
- · Adjustable hem to accommodate all leg lengths

REG: 31"(79CM) ADJUSTABLE To 33"(84CM)					
INCH	СМ	EU	FR		
28 - 48 72 - 124 44 - 64 36 - 60					







DX451 REAR POCKET DETAIL







WORK BIB AND BRACE





270g



DX441 DX4 WORK BIB AND

BRACE

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)



Titanmill Pro Stretch: 93% Polyester,

7% Elastane, 270g Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft



Stretch, 230g
CorePro: 87% Nylon 13% Elastane



| X Black S-3XL, Metal Grey S-3XL, | Metro Blue S-3XL, White/Grey S-3XL



- Lightweight flexible HiVisTex Pro segmented reflective tape for increased visibility
- 14 pockets for ample storage
- · Rule pocket
- Modern side access with stud and zip
- · Triple-stitched seams for extra durability

FUNCTIONAL DESIGN FEATURES













TROUSERS AND SHORTS



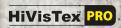






MADE FOR WOMEN







DX440 DX4 DETACHABLE HOLSTER **POCKET TROUSERS**

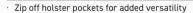
EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN **USED IN COMBINATION WITH S156)**

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g CorePro: 87% Nylon, 13% Elastane, 245g

Reg: Black 26- 48, Metal Grey 28-48, Metro Blue 28-48, White/Grey 28-48, Dark Navy 28-48

Short: Black 30-44





DX452 DX4 WOMEN'S DETACHABLE **HOLSTER POCKET TROUSERS**

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN **USED IN COMBINATION WITH \$156)**

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g

CorePro: 87% Nylon, 13% Elastane, 245g Black, Metal Grey, Metro Blue, White 26-38

Specifically Designed for Women in Industry



DX449 DX4 WORK TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN

USED IN COMBINATION WITH S156)

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g CorePro: 87% Nylon, 13% Elastane, 245g

Black, Metal Grey, Metro Blue 28-48

4-way stretch fabric for ease of movement and added comfort





DX444 DX4 DETACHABLE HOLSTER POCKET SHORTS

NEW COLOURS

Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g

Black, Dark Navy, Metal Grey, Metro Blue, White, 26-46

ADJUSTABLE HEM

Trousers feature adjustable hem to accommodate regular and tall leg lengths

REG: 31" TO 33"(8	(79CM) AD 4CM)	JUSTABLE	
INCH			FR
28 - 48	72 - 124	44 - 64	36 - 60



DESIGNED FOR INDUSTRIAL LAUNDRY

WX3™ industrial wash workwear is designed to withstand tough industrial laundry processes, including tunnel and tumble drying. Extensive wash testing was carried out at leading global laundries to ensure outstanding performance. The WX3 design signature focuses on comfort, versatility and aesthetics for everyday use in demanding work environments.



T745 WX3 INDUSTRIAL WASH JACKET

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g

Black S-3XL, Dark Navy S-3XL

- · Suitable for industrial laundry and domestic home wash
- Durable polycotton stretch fabric for ease of movement that withstands industrial laundering
- Storm flap front to protect against the elements
- · Stud adjustable cuffs for a secure fit
- Contrast colouring for added style
- · Bartacked at all stress points



T748 WX3 INDUSTRIAL WASH SHORTS

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g

Black, Dark Navy

- · Suitable for industrial laundry and domestic home wash
- Durable polycotton stretch fabric for ease of movement that withstands industrial laundering
- · Two back patch pockets
- · Handy thigh pocket
- · Side elastic waist for ultimate wearer comfort
- · Bartacked at all stress points



INCH			FR
26 - 46	68 - 116	40 - 62	34 - 56





INDUSTRIAL LAUNDERABLE WORKWEAR









T747 WX3 INDUSTRIAL WASH TROUSERS

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g Black, Dark Navy

- Suitable for industrial laundry and domestic home wash
- Durable polycotton stretch fabric for ease of movement that withstands industrial laundering
- Two back patch pockets
- · Handy thigh pocket
- Bartacked at all stress points
- · Contrast colouring for added style

T746 WX3 INDUSTRIAL WASH BIB AND BRACE

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g

Black S-3XL, Dark Navy S-3XL

- Suitable for industrial laundry and domestic home wash
- Durable polycotton stretch fabric for ease of movement that withstands industrial laundering
- · Two back patch pockets
- · Pen pocket
- · Handy thigh pocket
- · Bartacked at all stress points





INCH		EU	
28 - 42	72 - 108	44 - 58	36 - 54







DURABLE TECHNICAL WORKWEAR



RELIABLE PROTECTION WHATEVER THE INDUSTRY

WX3™ workwear is designed to withstand tough conditions, combining reinforced stitching, abrasion resistant panels, and our most durable fabrics. This combination of durable and robust fabrics, improved fit and better stretchability allows the wearer to move more freely, enhancing comfort and flexibility.





4-WAY STRETCH FABRIC PANEL FOR EASE OF MOVEMENT AND ADDED COMFORT



ADVANCED ROBUST FABRICS

WX3™ is constructed using highly robust technical fabrics. Designed with Titanmill™ Canvas premium polycotton and CorePro™ stretch panels these products will withstand the demands of tough work environments.

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)					
			FR		
28 - 48	72 - 124	44 - 64	36 - 60		



JACKET AND TROUSERS





T703 WX3 WORK JACKET

Titanmill Plus Canvas: 65% Polyester, 35% Cotton Canvas Peach Finish, 245g CorePro: 87% Nylon, 13% Elastane, 245g Deep Red S-3XL, Metal Grey S-3XL, Olive Green S-3XL, Persian Blue S-3XL

- Durable soft polycotton canvas for high performance and maximum wearer comfort Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- 10 pockets for ample storage
- Zipped chest pocket
- Detachable ID pocket
- Reflective trim for increased visibility and safety











T701 WX3 WORK TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN **USED IN COMBINATION WITH S156)**



T718 WX3 SLIM FIT WORK TROUSERS

Titanmill Plus Canvas: 65% Polyester, 35% Cotton Canvas Peach Finish, 245g 💢 CorePro: 87% Nylon, 13% Elastane, 245g T701 Reg: Deep Red 28-48, Metal Grey 28-48, Olive Green 28-48, Persian Blue 28-48 Short: Deep Red 28-42, Metal Grey 28-42
T718 Slim Fit: Metal Grey 28-42

- Durable soft polycotton canvas for high performance and maximum wearer comfort
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- 8 pockets for ample storage
- · Rule pocket





















T706 WX3 ECO STRETCH HOLSTER TROUSERS

Titanmill Plus Stretch Eco: 65% Recycled Polyester, 33% Cotton, 2% Elastane, 245g

100% Recycled Polyester, 210g

- · Eco-conscious certified recycled fabric
- · 2-way twill stretch fabric for ease of movement and added comfort
- · 13 pockets for ample storage
- · Zip off holster pockets for added versatility
- · High rise back waistband ensures protection in all working positions
- · Incredibly durable and hardwearing













T702 WX3 HOLSTER TROUSERS EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN

COMBINATION WITH S156)

T719 WX3 SLIM FIT HOLSTER TROUSERS



Titanmill Plus Canvas: 65% Polyester, 35% Cotton Canvas Peach Finish, 245g

CorePro: 87% Nylon, 13% Elastane, 245g

T702 Reg: Metal Grey, Olive Green, Persian Blue 28-48 T719 Slim Fit: Metal Grey 28-48

- · Durable soft polycotton canvas for high performance and maximum wearer comfort
- · Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- 12 Pockets for ample storage
- · Rule pocket



























STANDARD FIT

COLOUR

TROUSERS, SHORTS, BIB AND BRACE





GET THE COLLECTION

SEE PAGE 38 OR SCAN QR CODE TO VIEW THE FULL WX3 COLLECTION

ONLINE









T711 WX3 SERVICE TROUSERS



Titanmill Plus Canvas: 65% Polyester, 35% Cotton Canvas Peach Finish, 245g

CorePro: 87% Nylon, 13% Elastane, 245g

Black, Metal Grey, Persian Blue 28-

- · Durable soft polycotton canvas for high performance and maximum wearer comfort
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- 6 pockets for ample storage



Titanmill Plus Canvas: 65% Polyester, 35% Cotton Canvas Peach Finish, 245g CorePro: 87% Nylon, 13% Elastane, 245g Metal Grey, Persian Blue 28-42

- · Durable soft polycotton canvas for high performance and maximum wearer comfort
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- 7 pockets for ample storage
- Detachable ID pocket
- High rise back waistband ensures protection in all working positions

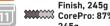


T704 WX3 BIB AND BRACE

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)



Titanmill Plus Canvas: 65% Polyester, 35% Cotton Canvas Peach



CorePro: 87% Nylon, 13% Elastane, 245a



Deep Red S-3XL, Metal Grey S-3XL, Olive Green S-3XL, Persian Blue S-3XL

- Durable soft polycotton canvas for high performance and maximum wearer comfort
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility



IMPROVED FABRIC & FIT









IMPROVED FABRIC









IMPROVED







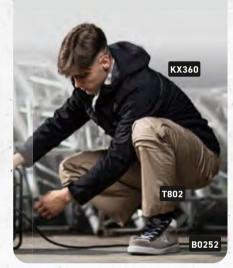


TROUSERS

ACTIVE STREET WORKWEAR

TRANSITION EFFORTLESSLY FROM WORK TO PLAY WITH **КХЗ**ТМ

KX3™ garments not only meet the demands of physical work but also allow wearers to switch from the worksite to other social or leisure settings without sacrificing functionality or style.





Titanmill™ Plus Ripstop Stretch is constructed with our technical weave pattern using the optimal blend of hardwearing polyester yarns, flexible elastane and our softest cotton to date.



SEE PAGE 44 OR SCAN QR CODE TO VIEW THE FULL KX3 COLLECTION ONLINE















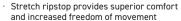
KX345 KX3 DRAWSTRING **COMBAT TROUSERS**

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g

||||||||X Black S-3XL



Fully elasticated waistband for ultimate wearer comfort



KX342 KX3 HOLSTER DENIM

TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Seratex Stretch Denim: 98% Cotton, 2% Elastane, 420g

100% Polyester 600D Fabric, 210g Indigo 28-48

- · 2-way twill stretch fabric for ease of movement and added comfort
- · Durable 600D polyester fabric construction















TROUSERS AND SHORTS







T801 KX3 CARGO TROUSERS



Seratex Stretch: 98% Cotton, 2% Elastane, 255q

Black, Metal Grey, Navy 28-48

- Portwest Stretch contains a cotton rich and elastane mix with superior comfort and freedom of movement
- Contemporary design with an ergonomic

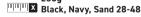


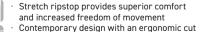
T802 KX3 RIPSTOP TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)



Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230q







KX340 KX3 RIPSTOP SHORTS

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g

Black 30-42, Dark Navy 30-42

- Stretch ripstop provides superior comfort and increased freedom of movement
- Crotch gusset to reduce stress and prevent seam failure















TROUSERS AND JOGGERS

















KX312 KX3 WINTER TROUSERS



Seratex Stretch: 98% Cotton, 2% Elastane Peached Twill w/Brushed Back, 409g



- · Brushed back woven fabric for warmth
- · Contemporary design with an ergonomic cut
- · Rule pocket
- · Pre-bent knees allow for increased freedom of movement
- Adjustable hem to accommodate all leg lengths
- · Bartacked at all stress points



T803 KX3 FLEXI JOGGERS



Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g



Black XXS-3XL, Metal Grey XXS-3XL

- 4-way stretch fabric for ease of movement and added comfort
- Double-layer reinforced knee protection for extra strength and durability
- 5 pockets for ample storage
- Easy access cargo pockets
- Fully ribbed waistband with drawstring ensures a universal fit
- Crotch gusset to reduce stress and prevent seam failure



KX343 KX3 HOLSTER JOGGER



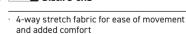
EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156) LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



Titanmill Pro Stretch: 93% Polyester, 7% Elastane, 270g

CorePro: 87% Nylon, 13% Elastane, 245g





- Zip off holster pockets for added versatility
- · 10 pockets for ample storage
- · Double rule pocket















LEGGINGS AND SHORTS









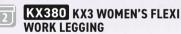




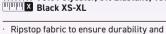
SEE PAGE 44 OR SCAN QR CODE TO VIEW THE FULL KX3 COLLECTION ONLINE







70% Rayon, 24% Polyester, 6% Elastane, 320g 💢 95% Polyester, 5% Elastane, 160g



- resistance to tearing and ripping
- · 2 pockets for secure storage
- · New style



KX344 KX3 3/4 HOLSTER

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

91

Titanmill Plus Ripstop: 65% Polyester, 35% Cotton Ripstop Weft Stretch, 230g

CorePro: 87% Nylon, 13% Elastane, 245a

- Stretch ripstop provides superior comfort and increased freedom of movement
- · Zip off holster pockets for added versatility
- · 15 pockets for ample storage
- · Double rule pocket



KX310 KX3 CARGO **SWEATSHORTS**

80% Cotton, 20% Polyester, 270g 94% Polyester, 6% Elastane, 150g Black XS-4XL

- High cotton content for superior comfort
- Draw string elasticated waistband
- 4 pockets for ample storage













PWS PERFORMANCE WORKWEAR





PW322 PW3 HARNESS TROUSERS EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0

(WHEN USED IN COMBINATION WITH \$156)

Titanmill Plus Stretch: 65% Polvester. 33% Cotton, 2% Elastane, 245g 100% Polyester 600D Oxford, PU Coated, 230g

Black 28-48

- Designed for use with a harness 2-way twill stretch fabric for ease of movement and added comfort
- Side elastic waist for ultimate wearer comfort

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)						
INCH	СМ	EU	FR			
28 - 48	72 - 124	44 - 44	36 - 60			











LINED









PW357 PW3 LINED WINTER HOLSTER TROUSERS EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN **COMBINATION WITH S156)**

Titanmill Plus: 65% Polyester, 35% Cotton, 300g 100% Polyester Wadding, 160g

- · Hammer loop for secure storage of work tools
- · Double rule pocket
- · Fully lined and padded to trap the heat and increase warmth
- · Adjustable hem to accommodate all leg lengths
- · Top-loading knee pad pockets for quick and easy access
- · Easy access cargo pocket

PW358 PW3 LINED WINTER WORK TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN **COMBINATION WITH S156)**

£3	Titanmill Plus: 65% Polyester, 35% Cotton, 300g
	100% Polvester. 50a
YYYYY	100% Polyester Wadding, 160g
	Black

- · Hammer loop for secure storage of work tools
- Double rule pocket
- Adjustable hem to accommodate all leg lengths
- Top-loading knee pad pockets for quick and easy access
- Easy access cargo pocket
- Abrasion resistant oxford polyester

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)						
INCH	СМ	EU	FR			
28 - 48	72 - 124	44 - 64	36 - 60			













PW305 PW3 STRETCH HOLSTER WORK TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN

COMBINATION WITH S156)

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g

100% Polyester 600D Oxford, PU Coated, 210g

- $\cdot\,$ 2-way twill stretch fabric for ease of movement and added comfort
- · Concealed drop down ID holder on holster pocket
- · 12 Pockets for ample storage
- · Double rule pocket
- · Adjustable hem to accommodate all leg lengths
- · Triple-stitched seams for extra durability









PW304 PW3 LIGHTWEIGHT STRETCH TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN

COMBINATION WITH S156)

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g

100% Polyester 600D Oxford, PU Coated, 210g Black, Zoom Grey/Black 28-48

- 2-way twill stretch fabric for ease of movement and added comfort
- · Easy access cargo pocket
- · 10 pockets for ample storage
- · Double rule pocket
- · Adjustable hem to accommodate all leg lengths
- · Top-loading knee pad pockets for quick and easy access





REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	







JACKET AND TROUSERS







T603 PW3 WORK JACKET

Titanmill Plus: 65% Polyester, 35% Cotton, 300g

Black/Zoom Grey S-3XL

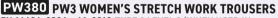
- Durable polycotton fabric for high performance and maximum wearer comfort
- Ezee zip allows for quick and easy fastening even when wearing work gloves
- 4 pockets for ample storage

GET THE

- Hook and loop cuffs for a secure fit
- Reflective trim for increased visibility and safety
- Contrast colour stitching for added style







EN 14404; 2004 + A1; 2010 TYPE 2 LEVEL 0 (WHEN USED IN **COMBINATION WITH S156)**

Titanmill Plus Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g

100% Polyester 600D Oxford, PU Coated, 210g |||||||||X|| Black 26-38

- 2-way twill stretch fabric for ease of movement and added comfort
- Reinforced panels in high wear areas for maximum durability
- · 10 pockets for ample storage
- · Hammer loop for secure storage of work tools
- Double rule pocket
- Adjustable hem to accommodate all leg lengths







REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
	СМ		FR	
26 - 38	68 - 96	42 - 54	34 - 48	





SEE PAGE 50,





OR SCAN QR CODE TO VIEW THE **FULL PW3 COLLECTION ONLINE**

















PW399 PW3 WORK JOGGER

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



80% Cotton, 20% Polyester, 270g 100% Polyester 600D Oxford, PU Coated, 210g



Black XS-4XL, Grey Marl XS-4XL



- · 4 pockets for ample storage
- · High cotton content for superior comfort
- Bartacked at all stress points
- · Easy access cargo pocket
- · Knee pad pockets to facilitate knee pads
- · Slim fit cuffed pants



PW345 PW3 HOLSTER WORK **SHORTS**



Titanmill Plus: 65% Polyester, 35% Cotton, 300g



100% Polyester 600D Oxford, PU Coated, 210g



Black 28-44, Zoom Grey/Black 30-44, Zoom Grey/Black 30-42

- Durable polycotton fabric for high performance and maximum wearer comfort Zip off holster pockets for added versatility
- 9 pockets for ample storage
- Hammer loop for secure storage of work



PW346 PW3 WORK BIB AND BRACE

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0.

(WHEN USED IN COMBINATION WITH \$156)



Titanmill Plus: 65% Polyester, 35% Cotton, 300g

100% Polyester 600D Oxford, PU Coated, 210g

Black S-3XL, Zoom Grey/Black S-3XL



- Durable polycotton fabric for high performance and maximum wearer comfort
- Elasticated back panel
- 10 pockets for ample storage
- ID card holder for ID card display







PW S WORK TROUSERS







PW347 PW3 COTTON WORK HOLSTER TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



Seratex: 100% Cotton, 350g 100% Polyester 300D Oxford Weave, PU Coated, 210g

Black 28-48

- Made from 100% cotton fabric for added comfort and breathability
- · Zip off holster pockets for added versatility
- · 12 Pockets for ample storage
- Reflective piping for increased visibility



T601 PW3 WORK TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)

Titanmill Plus: 65% Polyester, 35% Cotton, 300g

100% Polyester 600D Fabric, 210g
Reg: Black, Navy/Black, Zoom Grey/Black

Short: Black

- · Durable polycotton fabric for high performance and maximum wearer comfort
- Reflective piping for increased visibility



T602 PW3 HOLSTER WORK TROUSERS

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)



Titanmill Plus: 65% Polyester, 35% Cotton, 300g

100% Polyester 600D Oxford, PU Coated, 210g

Black, Navy/Black, Zoom Grey/Black

- Durable polycotton fabric for high
- performance and maximum wearer comfort
- · Reflective piping for increased visibility





REG: 31"(79CM) ADJUSTABLE To 33"(84CM)			
INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64	36-60
SHORT: 29"(74CM)			
28 - 62	72-108	44.58	36.56



	15, 1999	200	
REG: 31" TO 33"(8	(79CM) AI 84CM)	DJUSTABI	Æ
INCH	СМ	EU	FR
28 - 48	72 - 124	44-64	36 - 60
SHORT:	29"(74CM		
28 - 42	72-108	44 - 58	36 - 54





245g ✓ NEW



CD885 WX2 ECO STRETCH WORK

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton,

Kingsmill Polyester Eco Stretch: 93% Recycled Polyester, 7% Elastane, 195g

Black S-3XL, Dark Navy/Black S-3XL, Deep Red S-3XL, Metal Grey S-3XL, Olive Green S-3XL, White S-3XL

- · 31 PET Bottles are recycled to make this product
- · Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- · 4 pockets for ample storage
- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Elasticated cuffs for a secure fit
- · Concealed zip pocket











CD883 WX2 ECO STRETCH **HOLSTER TROUSERS**

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton, 245g Kingsmill Polyester Eco Stretch: 93%



Recycled Polyester, 7% Elastane, 195g
Black, Dark Navy/Black, Deep Red, Metal Grey, Olive Green, White 28-48



- · 31 PET Bottles are recycled to make this
- · Innovative stretch panelling in key movement areas provides excellent comfort and flexibility
- · Knee pad pockets with stretch panels for ease of movement
- · Zipped and flapped cargo pockets for secure storage
- 10 pockets for ample storage
- · Durable polycotton fabric for high performance and maximum wearer comfort



























WX 2 STRETCH TROUSERS



245g ✓ NEW















Polyester, 5% Elastane, 160g Black, Dark Navy, Metal Grey 26-38

- · 4-way stretch fabric for ease of movement and added comfort
- Lightweight for enhanced wearer comfort · 4 pockets for ample storage
- · Adjustable hem regular to long leg

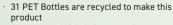


CD881 WX2 ECO STRETCH TRADE TROUSERS

Kingsmill Polycotton Eco: 65% Recycled Polyester, 35% Cotton, 245q

Kingsmill Polyester Stretch: 93% Polyester, 7% Elastane, 270g Black, Dark Navy, Deep Red, Metal Grey, Olive Green, White 28-48

- Eco conscious product made using certified recycled or sustainable material
- Innovative stretch panelling in key movement areas provides excellent comfort and flexibility



Kingsmill Polyester Stretch Eco: 93% Recycled Polyester, 7%

Elastane, 195g
Kingsmill Polyester Stretch: 92%

Polyester, 8% Elastane, 160g

Metal Grey, Olive Green, White 28-

Black, Dark Navy/Black, Deep Red,

CD886 WX2 ECO ACTIVE STRETCH WORK TROUSERS

4-way stretch fabric for ease of movement and added comfort



































Kingsmill Cotton Stretch Eco: 98% BCI Cotton, 2% Elastane, 255g

Black, Dark Navy, White 26-40

- $\cdot\,$ BCI Certified cotton with the addition of elastane for superior comfort and freedom of movement
- · Slim fit design for exceptional comfort
- · 6 pockets for ample storage
- · Bartacked at all stress points
- · Reflective trim on inner hem for increased visibility
- · Soft handle twill



MADE FOR WOMEN

255q

SLIM FIT

Kingsmill Cotton Stretch Eco: 98% BCI Cotton, 2% Elastane, 255g

Black, Dark Navy, White 26-40

- · BCI Certified cotton with the addition of elastane for superior comfort and freedom of movement
- · Slim fit design for exceptional comfort
- · 3 pockets for ample storage
- · Bartacked at all stress points
- · Reflective trim on inner hem for increased visibility
- · Soft handle twill



СМ EU 26 - 40 | 68 - 100 | 38 - 52 | 40 - 52









СМ EU 26 - 40 | 68 - 100 | 38 - 52 | 40 - 52









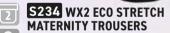


255q

SLIM FIT

WX 2 STRETCH TROUSERS





Kingsmill Cotton Stretch Eco: 98%
BCI Cotton, 2% Elastane, 255g Black S-3XL, Dark Navy S-3XL

- · BCI Certified cotton with the addition of elastane for superior comfort and freedom of movement
- High cotton content for superior comfort
- · 2 pockets for secure storage
- · Adjustable waist for a perfect fit
- Soft handle twill
- · 40+ UPF rated fabric to block 98% of UV





Kingsmill Cotton Stretch Eco: 98% BCI Cotton, 2% Elastane, 255g Reg: Black, Grey, Dark Navy 28-48, White 28-42 Short: Black, Dark Navy 28-42

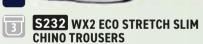
- · BCI Certified cotton with the addition of elastane for superior comfort and freedom of movement
- Reflective trim on inner hem for increased
- · 6 pockets for ample storage
- · Slim fit design for exceptional comfort

REG: 31"(79CM)			
INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64	36 - 60
SHORT: 29"(74CM)			
28 - 42	72-108	44 - 58	36 - 54









Kingsmill Cotton Stretch Eco: 98% BCI Cotton, 2% Elastane, 255g Reg: Black, Dark Navy 28-52, White 28-42 Short: Black, Dark Navy 28-42

- BCI Certified cotton with the addition of elastane for superior comfort and freedom of movement
- Reflective trim on inner hem for increased visibility
- · 3 pockets for ample storage
- · Hook and bar closure

REG: 31"(79CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	
SHORT: 29"(74CM)				
28 - 42	72-108	44 - 58	36 - 54	















PW 2 VERSATILE WORKWEAR



300a









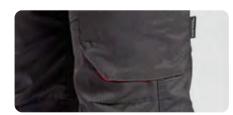
Build a Team look with versatile workwear designed for overbranding.

Our PW2 collection offers slim fitting versatile workwear that fits perfectly, performs well and helps workers feel part of the team.



DESIGNED FOR UNIFORMS

Striking two tone designs in key corporate colours can be mixed and matched to create a dynamic head to tow uniform.



METAL AND SCRATCH FREE

All products have been produced using metal-free plastic trims that are concealed to ensure garments are anti-scratch and comfortable to wear.





Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- Hard wearing durable twill fabric with excellent dye retention
- Reflective piping for increased visibility



TX36 PW2 HEAVY WEIGHT SERVICE TROUSERS

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 300g Graphite Grey XS-4XL, Navy XS-3XL

- · Hard wearing durable twill fabric with excellent dve retention
- · Reflective piping for increased visibility



















PW 2 TROUSERS AND BIB AND BRACE







PW240 PW2 SERVICE TROUSERS



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- Durable polycotton fabric for high performance and maximum wearer comfort
- · Anti-scratch design with no exposed metal parts
- · 6 pockets for ample storage
- · Non-magnetic nickel and ferrous free

REG: 31"(79CM) ADJUSTABLE TO 33"(84CM)				
INCH	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	



PW243 PW2 BIB AND BRACE

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g Black/Red, Black/Zoom Grey, Navy/Royal S-3XL

- Durable polycotton fabric for high performance and maximum wearer comfort
- Anti-scratch design with no exposed metal parts
- 7 pockets for ample storage
- · Non-magnetic nickel and ferrous free





AWARD-WINNING MODULAR 3-IN-1 TROUSER





reddot award 2022 winner





TitanmillTM Ultra Stretch is our hardworking yet flexible fabric. Technically woven 4-way stretch fabric with high performing and durable nylon fibres. Enriched with highly flexible elastane optimising comfort and freedom of movement for the wearer.



Stay protected with CoreProTM stretch panels that are precision engineered in high wear areas to provide the highest levels of abrasion resistance and durability.







UNLEASH THE AWARD-WINNING DESIGN POWER OF OUR BX321 ULTIMATE MODULAR 3-IN-1 TROUSERS,

recognised internationally with the prestigious Red Dot Award in the "Design Concept" category. Don't settle for average, choose the industry-leading design and functionality of our Modular 3-in-1 Trousers.











BX321 ULTIMATE MODULAR 3-IN-1 TROUSERS

EN ISO 20471 CLASS 1 COMPLIANT ONLY WHEN HI-VIS PANELS ARE VISIBLE

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH \$156)

Titanmill Ultra Stretch: 92% Nylon, 8% Elastane, 230g

CorePro: 87% Nylon, 13% Elastane, 245g

- 4-way stretch fabric for ease of movement and added comfort
- · Slim fit design for exceptional comfort
- · 15 pockets for ample storage
- · Knee pad pockets to facilitate knee pads
- B920, B921 and B922 pockets are designed to clip on and of this trouser
- · Adjustable waist for a perfect fit







√ NEW

B920 MODULAR TROUSER KNIFE POCKET

SECURE LOCK SYSTEM

100%
Polyester
Black One Size



√ NEW

B921 MODULAR TROUSER TAPE POCKET

100%
Polyester
Black One Size



TITANMILL

NEW B922 MODU

B922 MODULAR TROUSER SUPPLY POCKET

100%
Polyester
Black One Size



TX10 PORTWEST TEXO **CONTRAST JACKET**

Kingsmill Cotton Rich: 60% Cotton, 40% Polyester, 245g

Black XS-3XL, Grey XS-4XL, Navy XS-4XL

- · High cotton content for superior comfort
- Non shrinking to ensure that this style maintains its shape wash after wash
- · 12 Pockets for ample storage
- · Hook and loop cuffs for a secure fit













TX18 PORTWEST TEXO **CONTRAST JACKET - LINED**

Kingsmill Cotton Rich: 60% Cotton, 40% Polyester, 245g 100% Polyester, 60g 100% Polyester Wadding, 120g Grey S-3XL

- · High cotton content for superior comfort
- Non shrinking to ensure that this style maintains its shape wash after wash
- · 12 Pockets for ample storage
- · Sleeve pocket





TX14 PORTWEST TEXO **CONTRAST SHORTS**

Kingsmill Cotton Rich: 60% Cotton, 40% Polyester, 245g

Black XS-XXL, Grey XS-XXL, Navy XS-XXL

- \cdot High cotton content for superior comfort
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Two back patch pockets
- · 7 pockets for ample storage



















245g







IMPROVED

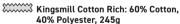


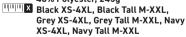


245q









- \cdot High cotton content for superior comfort
- Non shrinking to ensure that this style maintains its shape wash after wash
- $\cdot~$ 10 pockets for ample storage
- · Bartacked at all stress points
- · Two back pockets
- · Phone pocket



TX15 PORTWEST TEXO CONTRAST COVERALL



Kingsmill Cotton Rich: 60% Cotton,
40% Polyester, 245g

Black S-3XL, Grey S-3XL, Navy S-3XL

- High cotton content for superior comfort
 Concealed zip opening for added security
- · 14 pockets for ample storage
- · Knee pad pockets to facilitate knee pads
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Detachable ID pocket

PADDED

TX16 PORTWEST TEXO CONTRAST TROUSERS - LINED

Kingsmill Cotton Rich: 60% Cotton,

Grey XS-4XL, Grey Tall M-XXL, Navy

40% Polyester, 245g

Black XS-3XL, Black Tall M-XXL,

XS-3XL, Navy Tall M-XXL

TX11 PORTWEST TEXO

CONTRAST TROUSERS

Kingsmill Cotton Rich: 60% Cotton, 40% Polyester, 245g 100% Polyester, 60g 100% Polyester Wadding, 120g



















260g



CW10 KRAKOW JACKET



Kingsmill Cotton: 100% Cotton, 260g



- · Made from 100% cotton fabric for added comfort and breathability
- · Concealed zip opening for added security
- · 7 pockets for ample storage
- · Hook and loop cuffs for a secure fit
- · Sleeve pocket
- · Phone pocket











CW11 POZNAN COTTON TROUSERS



Kingsmill Cotton: 100% Cotton, 260g



Black S-3XL, Graphite Grey S-3XL, Navy S-3XL

- · Made from 100% cotton fabric for added comfort and breathability
- · Hook and loop hems for a secure fit
- · 9 pockets for ample storage
- · Double rule pocket
- · Knee pad pockets to facilitate knee pads
- · Two back pockets













IMPROVED















S917 IONA SAFETY COMBAT TROUSERS

EN 17353 TYPE B2



Kingsmill Polycotton: 65% Polyester,

35% Cotton, 245g

Black S-XXL, Navy XS-4XL, Navy Tall S-XXL

- $\cdot\,$ Non shrinking to ensure that this style maintains its shape wash after wash
- · Reflective tape for increased visibility
- · 8 pockets for ample storage
- · Rule pocket
- · Knee pad pockets to facilitate knee pads
- · Half elasticated waist for a secure and comfortable fit



S918 IONA BALLISTIC TROUSERS

EN 17353 TYPE B2



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

100% Nylon, 230g

- Durable polycotton fabric for high performance and maximum wearer comfort
- Incredibly durable and hardwearing
- · 4 pockets for ample storage
- Two back patch pockets
- Elasticated back waist for a secure fit
- · Reflective tape for increased visibility



F813 IONA COVERALL EN 17353 TYPE B2



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Black S-3XL, Navy S-4XL



- Durable polycotton fabric for high performance and maximum wearer comfort
- Concealed zip opening for added security 10 pockets for ample storage
- Reflective tape for increased visibility
- Zipped pockets
- · Two-way zip for quick and easy access























ACTION TROUSERS



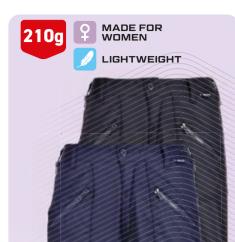




Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g 100% Nylon, Knitted Brushed Thermal Lining, 100g

Navy XS-3XL, Navy Tall S-XXL

- Durable polycotton fabric for high performance and maximum wearer comfort
- Washable nylon inner lining
- 11 pockets for ample storage
- Half elasticated waist for a secure and comfortable fit







S687 WOMEN'S ACTION TROUSERS

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 210q

Black XS-3XL, Black Tall S-XXL, Navy XS-XXL, Navy Tall S-XXL

- Durable polycotton fabric for high performance and maximum wearer comfort
- Multiple utility pockets providing ample storage
- Knee pad pockets to facilitate knee pads
- Side elastic waist for ultimate wearer comfort

SIZE	Navy	Black
SHORT: 29"(74CM)	30 - 42	
REG: 31"(79CM)	26 - 52	26 - 50
TALL: 33"(84CM)	28 - 48	28 - 48





S905 STRETCH ACTION TROUSERS

Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245q Black, Navy

- 2-way twill stretch fabric for ease of movement and added comfort
- Side elastic waist for ultimate wearer comfort
- · 11 pockets for ample storage
- · Zipped pockets
- · Knee pad pockets to facilitate knee pads

INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64	36 - 60











FIT

STANDARD





IMPROVED

AND SHORTS

ACTION TROUSERS





IMPROVED







Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245q

Black, Navy

KINGSMILE

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Double-layer reinforced knee protection for extra strength and durability
- · 11 pockets for ample storage
- · Reinforced seams for extra durability and strength

SIZE	Navy	Black
SHORT: 29"(74CM)	28 - 48	
REG: 31"(79CM)	26 - 56	26 - 56
TALL: 33"(84CM)	28 - 52	28 - 48
XTALL: 36"(92CM)	30 - 44	30 - 44



LIGHTWEIGHT









Kingmill Polycotton: 65% Polyester, 35% Cotton, Peach Finish, 160g

Navy S-3XL

- · Premium stain resistant finish repels oil, water and grime
- Double-layer reinforced knee protection for extra strength and durability
- · 9 pockets for ample storage
- · Lightweight for enhanced wearer comfort
- · Two back pockets
- Side pockets



S889 ACTION SHORTS

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245q

Black XS-4XL, Navy S-4XL

- Durable polycotton fabric for high performance and maximum wearer comfort
- Half elasticated waist for a secure and comfortable fit
- 9 pockets for ample storage
- Zipped pockets
- Twin-stitched seams for extra durability







HOLSTER TROUSERS











KS15 SLATE HOLSTER TROUSERS



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 300g Black S-3XL, Black Tall M-XXL, Navy S-3XL, Navy Tall

- · Hard wearing durable twill fabric with excellent dye retention
- · Anti-shock fabric for extra mobile phone protection
- · 13 pockets for ample storage
- · Hammer loop for secure storage of work tools



C720 TRADESMAN HOLSTER TROUSERS

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- Durable polycotton fabric for high performance and maximum wearer comfort
- Reflective piping for increased visibility
- · 9 pockets for ample storage
- · Rule pocket

MILE	TALL: 33"(84CM)
	28 - 48	72 - 124
	INCH	CM



REG: 31"(79CM))			
INCH	СМ	EU	FR
28 - 48	72 - 124	44 - 64	36 - 60
TALL: 33"(84CM)			
32 - 40	80 - 100	48 - 56	40 - 50





WORK TROUSERS AND SHORTS



245g



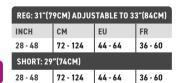






Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Kingsmill Polyester Oxford: 100% Polyester Oxford, 190g
Black/Zoom Grey S-XXL

- · Hard wearing durable twill fabric with excellent dye retention
- · Abrasion resistant oxford polyester
- 10 pockets for ample storage
- · Gripper elasticated inner waistline helping keep upper body garments in place
- Hammer loop for secure storage of work tools
- · Triple-stitched seams for extra durability



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Hard wearing durable twill fabric with excellent dye retention

CD884 SUPER WORK TROUSERS

Adjustable hem to accommodate all leg lengths

· 6 pockets for ample storage

· Rule pocket









Action styles offer superior comfort and functionality. Made from durable Kingsmill polycotton fabric for high performance and maximum wearer comfort. They feature multiple zip pockets for security and convenience.







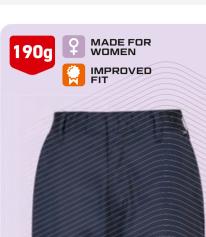






Kingsmill Polycotton: 65% Polyester, 35%
Cotton, 245g

Black, Grey, Navy, Forest Green





C099 WOMEN'S COMBAT TROUSERS

Kingsmill Polycotton: 65% Polyester, 35%
Cotton, 190g

Black XS-3XL, Black Tall S-XL, Navy XS-3XL, Navy Tall S-XL

· Designed for Women





IMPROVED FIT



C711 SLIM FIT COMBAT TROUSERS

Kingsmill Polycotton: 65% Polyester, 35%
Cotton, 245g

|||||||||X Black

SIZE	Navy	Black	Grey	Forest Green
SHORT: 29"(74CM)	30 - 42			
REG: 31"(79CM)	26 - 52	26 - 50	28 - 48	28 - 48
TALL: 33"(84CM)	28 - 48	28 - 48	30 - 48	









COMBAT **TROUSERS**







L701 LIGHTWEIGHT COMBAT TROUSERS

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g
Black, Navy, Teal 28-48

· Reinforced seams for extra durability and strength



S790 COMBAT SHORTS

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

Black S-XXL, Navy XS-3XL

· Twin Stitched Seams for Extra Durability





LIGHTWEIGHT



S797 WOMEN'S COMBAT SHORT

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 210g

Black XS-XXL, Navy XS-XXL

· Multiple pockets for ample storage









ESSENTIAL WORKWEAR







C859 MAYO JACKET

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Navy S-3XL

· Concealed stud front for easy access



C105 ELASTICATED WORK BELT

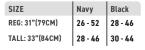
100% Polyester
Black, Yellow, Orange One Size

· Constructed using high grade elasticated webbing



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g Black, Navy

[·] Sewn in front centre seam for a tailored look





LW97 WOMEN'S ELASTICATED TROUSERS

Kingsmill Polycotton: 65% Polyester, 35%

Cotton, 210g

Black XS-4XL, Black Tall S-XL, Navy XS4XL, Navy Tall S-XL

[·] Sewn in front centre seam for a tailored look







ESSENTIAL WORKWEAR







Kingsmill Cotton: 100% Cotton, 305g

· Made from 100% cotton fabric



C875 BURNLEY BIB AND BRACE

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Navy S-3XL

· Elasticated back waist for a secure fit







Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Black, Graphite Grey, Navy, Orange, Red

	le polycotti ium weare	on fabric for high performance and r comfort
Two-w	ay zip for o	quick and easy access
_		
XS	EXL	KINGSMILE
$oldsymbol{ol}}}}}}}}}}}}}}}}$		POLYCOTTON



C815 KNEEPAD COVERALL

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- · Hard wearing durable twill fabric with excellent dye retention
- · Two-way zip for quick and easy access



REG

S-3XL

S-XXL

S-XXL XS-6XL XS-3XL TALL S-3XL M-XXL











Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Navy S-6XL, Navy Tall M-5XL
Black S-XXL

- \cdot Durable polycotton fabric for high performance and maximum wearer comfort
- · Concealed stud front for easy access



2802 STANDARD COVERALL

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Navy XS-XXL, White XS-3XL

- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Concealed stud front for easy access













S999 EURO WORK COVERALL

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g Red S-4XL, Royal Blue S-4XL

· Durable polycotton fabric for high performance and maximum wearer comfort



C184 WOMEN'S COVERALL

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

- Durable polycotton fabric for high performance and maximum wearer comfort
- Two-way zip for quick and easy access







LIGHTWEIGHT















Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g 100% Polyester Wadding, 200g Navy S-3XL

- · Fully lined and padded to trap the heat and increase warmth
- · Two-way zip for quick and easy access





C890 YOUTH'S COVERALL

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
Navy Age 4/5, 6/7, 8/9, 10/11, 12/13, 14/15

- $\cdot\,$ Durable polycotton fabric for high performance and maximum wearer comfort
- · Two-way zip for quick and easy access



C814 IONA COTTON COVERALL

EN 17353 TYPE B2

Kingsmill Cotton: 100% Cotton, 190g Grey, Navy, Orange, Red, Royal Blue

- · Made from 100% cotton fabric for added comfort and breathability
- · Two-way zip for quick and easy access
- · 8 pockets for ample storage
- · Lightweight and comfortable











LIGHTWEIGHT





C811 COTTON BOILERSUIT



Kingsmill Cotton: 100% Cotton, 260g
Navy XS-4XL, Orange XS-4XL















S998 EURO WORK COTTON COVERALL



Kingsmill Cotton: 100% Cotton, 260g

Black S-3XL, Navy XS-3XL, Navy Tall S-XXL

PAINTERS WORKWEAR









S817 PAINTERS TROUSERS



Kingsmill Cotton: 100% Cotton, 305g
White XS-4XL, White Tall XS-3XL



- Premium non shrinking cotton workwear fabric
- · Hook and bar closure
- · 8 pockets for ample storage
- · Rule pocket



KS54 PAINTERS PRO TROUSERS



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
White XS-3XL



- Hard wearing durable twill fabric with excellent dye retention
- Abrasion resistant oxford polyester
- · 10 pockets for ample storage
- Reflective piping for increased visibility



S810 BOLTON PAINTERS BIB AND BRACE



Kingsmill Cotton: 100% Cotton, 305g White XS-4XL

- · Premium non shrinking cotton workwear fabric
- Knee pad pockets to facilitate knee pads
- · 8 pockets for ample storage
- · Secure zip pocket for added security





















See our other Painters styles









































CHAINSAW



EN 11393

The protective products have been tested in accordance with EN 381-5:1995 for Class 1 performance. EN381-5:1995 certified garments are designed to provide protection to the legs against accidental contact with a hand-held chainsaw machine (protection at linear chainsaw speeds up to 20 m/s).

230a



230a





CH15 OAK PROFESSIONAL CHAINSAW JACKET

EN 11393 CLASS 1 TYPE B 20M/S KWF CERTIFIED TO KWF STANDARD

Kingsmill Nylon: 92% Nylon, 8% Elastane, 230g 100% Nylon, 420g Black/Orange S-XXL

- · Stretch ripstop provides superior comfort and increased freedom of movement
- · Reflective panelling to aid visibility in poorly lit conditions
- · 4 pockets for ample storage
- · Zipped chest pockets
- · Back vents on upper and lower back for maximum breathability
- · Front zip opening for easy access





CH14 OAK PROFESSIONAL CHAINSAW TROUSERS

EN 11393 CLASS 1 TYPE C 20M/S KWF CERTIFIED TO KWF STANDARD

Kingsmill Nylon: 92% Nylon, 8% Elastane, 230g Black S-XXL

- · Stretch ripstop provides superior comfort and increased freedom of movement
- Reflective panelling to aid visibility in poorly lit conditions
- · 8 pockets for ample storage
- · Detachable bib and braces for greater versatility
- · Large back zip pocket for multiple storage options
- · Padded back panel for wearer comfort























CH11 OAK CHAINSAW TROUSERS

EN 11393 CLASS 1, TYPE A

KWF CERTIFIED TO KWF STANDARD

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
43% Polyester, 57% Polypropylene, 120g Black S-XXL

- $\cdot\,$ Durable polycotton fabric with Texpel stain resistant finish
- · Fully elasticated waistband for ultimate wearer comfort
- 5 pockets for ample storage
- · Rule pocket
- · Jetted back pocket
- · Phone pocket









CH12 OAK CHAINSAW BIB AND BRACE EN 11393 CLASS 1, TYPE A KWF CERTIFIED TO KWF STANDARD

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g 43% Polyester, 57% Polypropylene, 120g Black S-3XL

- Durable polycotton fabric with Texpel stain resistant finish
- Concealed zip opening for added security
- 5 pockets for ample storage
- Rule pocket
- Side pockets
- Half elasticated waist for a secure and comfortable fit











CUT RESISTANT

CUT RESISTANT WORKWEAR FEATURING LEVEL D CUT PROTECTION AGAINST HIGH CUT RISKS



TECHNICAL MATERIALS

This technical cut resistant fabric blends the strength of HPPE, glass, PET, and nylon fibres, ensuring excellent durability that offers protection in high risk environments.



CR01 CUT RESISTANT BIB APRON

FABRIC CONFORMS TO EN 388 1.5.4.2.D

42.5% HPPE, 21.3% Glass, 21.3% PET, 14.9% Nylon, 330g 100% Nylon, 220g

Grey One Size

- · Designed to be worn in a tough work environment
- · Adjustable straps for a secure fit
- · Ergonomic quick release buckle
- · Level D cut resistance





SLIM FIT





CUT RESISTANT

WORKWEAR



CR15 POLO SHIRT WITH CUT RESISTANT SLEEVES

FABRIC CONFORMS TO EN 388 - 3.2.4.4.D

Kingsmill Polycotton: 55% Cotton, 45% Polyester, 175g 40% HPPE, 20% Glass, 40% Polyester, 460g Black S-3XL

- · Moisture wicking fabric helping to keep the body cool and dry
- · High cotton content for superior comfort
- · Level D cut resistance
- · Thumb hole for secure fit



CR40 COMBAT TROUSERS WITH CUT RESISTANT FRONT FABRIC CONFORMS TO EN 388 - 1.5.4.2.D

Kingsmill: 98% Cotton, 2% Elastane, 255g
42.5% HPPE, 21.3% Glass, 21.3% PET, 14.9% Nylon, 330g

- Black S-3XL · Level D cut resistance
- · Slim fit design for exceptional comfort
- · Easy access cargo pockets





SEE PAGE 574 **OR SCAN TO VIEW CUT RESISTANT** HAND PROTECTION ONLINE

























LEISUREWEAR PERFECT FOR OVERBRANDING

Embroidery and print can be applied to any workwear product to make your product stand out from the crowd. All Portwest garments are designed to be compatible with corporate over branding.

Portwest's personalisation service can add your brand to our designs, low MOQ's and competitive lead times apply.

OVER 120 YEARS' EXPERIENCE IN EVERY STITCH



PT9

LEISUREWEAR











√ NEW



EzeeCool™ is our technical, moisturewicking fabric, engineered to keep our wearers dry and cool when hard at work. Constructed to ensure that perspiration and excess moisture evaporate quickly for the best comfort in warm conditions.















HOODIE





PW337 PW3 PULLOVER HOODIE

65% Polyester, 35% Cotton, 300g

- · Knitted fabric with brushed backing
- · 3 pockets for ample storage
- · Hood for added protection against the elements
- · Ribbed cuffs for added comfort
- · Ribbed hem for a comfortable fit
- · Reflective trim for increased visibility and safety

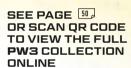


√ NEW

GET THE COLLECTION















65% Polyester, 35% Cotton, 300g

- · Kangaroo pocket for ample storage
- · Ribbed cuffs for added comfort
- · Ribbed hem for a comfortable fit
- · Hood for added protection against the elements
- · Knitted fabric with brushed backing
- · Generous fit for wearer comfort













DX472 DX4 ZIPPED HOODIE



75% Polyester, 20% Rayon, 5%

Elastane, 330g

Black S-3XL, Metal Grey XS-3XL, Metro Blue S-3XL, White S-3XL, Dark Navy S-3XL

- · Moisture wicking fabric helping to keep the body cool and dry
- Dynamic inner contrasting fabric
- · Engineered with an active fit
- · Internal pockets for safe storage
- · Zipped chest pocket
- · Grown on hood is stylish and practical







DX480 DX4 ZIP LIGHTWEIGHT MID LAYER



92% Nylon, 8% Elastane, 210g
Black S-3XL, Metro Blue S-3XL

- · 4-way stretch fabric for ease of movement and added comfort
- Engineered with an active fit
- · Front zip opening for easy access
- · Internal pockets for safe storage
- · Elasticated cuffs for a secure fit
- · Thumb loop









ZIPPED HOODIE



80% Polyester, 20% Rayon, 330g

- · Moisture wicking fabric helping to keep the body cool and dry
- · Contemporary design with clean cut lines



B312 ZIP THROUGH HOODIE

65% Polyester, 35% Cotton, 250g

- · Ideal for corporate wear and custom finishes
- 2 pockets for secure storage



KS32 PEWTER JACKET

65% Polyester, 35% Cotton, 280g Body lining: 100% Polyester Sherpa Pile 300g Sleeve Lining: 100% Polyester 60g
Sleeve Filling: 100% Polyester Wadding 40g

Black S-3XL

- $\cdot\,$ Premium sherpa lining for optimum comfort and warmth
- · Hood for added protection against the elements



KS31 NICKEL SWEATSHIRT HOODIE

50% Polyester, 50% Cotton, 350g Black S-XXL, Navy S-XXL

- High cotton content for superior comfort
- · Ideal for corporate wear and custom finishes

65% Polyester, 35% Cotton, 300g Black/Zoom Grey S-3XL, Navy/Royal S-3XL

- Knitted fabric with brushed backing
- · Ideal for corporate wear and custom finishes
- · Contrast colouring for added style
- · Non-magnetic nickel and ferrous free





B318 ESSENTIAL TWO TONE **SWEATSHIRT**

65% Polyester, 35% Cotton, 300g

Navy/Red S-3XL, Navy/Royal S-3XL

- Stylish unisex design for multi functional use
- · Contrast colour stitching for added style
- · Ideal for corporate wear and custom finishes
- · Slim fit design for exceptional comfort







B300 ROMA SWEATSHIRT

65% Polyester, 35% Cotton, 300g

Black XS-4XL, Dark Navy S-3XL, Navy XS-5XL









B309 SORRENTO ZIP NECK SWEATSHIRT

65% Polyester, 35% Cotton, 300g Black S-3XL, Navy S-3XL



B310 NATO SWEATER

100% Acrylic, 7 Gauge, 580g 65% Polyester, 35% Cotton, 245g Black S-3XL, Navy S-3XL







SLIM FIT

DX414 DX4 POLO SHIRT L/S

100% Polyester Pin Mesh, 150g Black S-3XL, Metro Blue S-3XL

- · Wicking, cooling and drying capabilities
- · Contemporary design with clean cut lines
- · Ideal for corporate wear and custom finishes
- · Contrast colouring for added style
- · Contrast premium zips for added style
- Slim fit design is form-fitting yet unrestrictive









DX410 DX4 POLO SHIRT S/S

S-3XL

- Wicking, cooling and drying capabilities
 Contemporary design with clean cut lines
- · Ideal for corporate wear and custom finishes
- · Contrast colouring for added style
- · Contrast premium zips for added style
- · Slim fit design for exceptional comfort













POLO SHIRT





65% Polyester, 35% Cotton, 210g
Black XS-6XL, Deep Red S-3XL, Olive Green S-3XL, Persian Blue

S-3XL







WOMEN'S POLO SHIRT S/S

55% Cotton, 45% Polyester, Knit, 144g

Black/Zoom Grey XS-XXL, Navy/Royal XS-XXL



100% Polyester, Bird Eye Knit, 155g
Navy S-6XL















EN 17353 TYPE B3

POLO SHIRT

- · Ideal for corporate wear and custom finishes
- · Rib collar and cuffs
- · Button placket opening





EC210 ORGANIC COTTON RECYCLABLE **POLO SHIRT**

100% Organic Cotton, 210g





B210 NAPLES POLO-SHIRT

65% Polyester, 35% Cotton, 210g XS-4XL, Heather Grey XS-3XL, Metal Grey S-3XL, Navy XS-5XL, Royal Blue XS-5XL, White XS-3XL







B209 NAPLES WOMEN'S POLO SHIRT

65% Polyester, 35% Cotton, 210g
Aqua XS-XXL, Black XS-XXL, Navy XS-XXL, White XS-XXL





L210 LIGHTWEIGHT JERSEY POLO SHIRT (48 IN A BOX)

50% Polyester, 50% Cotton, 145g Black S-5XL, Navy S-5XL, Royal Blue S-5XL, White S-3XL, Zoom Grey S-5XL





B212 GENOA LONG SLEEVED POLO SHIRT

65% Polyester, 35% Cotton, 210g Black XS-3XL, Navy XS-3XL





B218 ESSENTIAL TWO TONE POLO SHIRT

65% Polyester, 35% Cotton, 210g Navy/Red S-3XL, Navy/Royal S-3XL







· Wicking, cooling and drying capabilities

- Contemporary design with clean cut lines
 Ideal for corporate wear and custom finishes
- Contrast colouring for added style
- · Slim fit design is form-fitting yet unrestrictive
- · Ribbed collar







DX411 DX4 T-SHIRT S/S

EasyCool: 100% Polyester, Pin Mesh, 150g

- · Wicking, cooling and drying capabilities
- · Contemporary design with clean cut lines
- · Ideal for corporate wear and custom finishes
- · Contrast colouring for added style
- Slim fit design for exceptional comfort
- · Ribbed collar





T-SHIRT



PW211 PW2 COTTON COMFORT T-SHIRT S/S

55% Cotton, 45% Polyester, 144g

Black/Zoom Grey S-3XL, Navy/Royal S-3XL, Red/Black S-3XL, Royal/Navy S-3XL, Zoom Grey/Black S-3XL

- · Moisture wicking fabric helping to keep the body cool and dry
- · High cotton content for superior comfort
- · Ideal for corporate wear and custom finishes
- · Lightweight and comfortable













S-5XL, White XS-3XL

- · Stylish unisex design for multi functional use
- Made from 100% cotton fabric for added comfort and breathability
- · Ideal for corporate wear and custom finishes
- · Available in an excellent choice of corporate colours







B192 WOMEN'S T-SHIRT

100% Cotton, 195g

Black XS-XXL, Navy XS-XXL

- · Made from 100% cotton fabric for added comfort and breathability
- · Ideal for corporate wear and custom finishes







T-SHIRT



100% Organic Cotton, 210g

- · Made using organic cotton
- · Minimal stitching offers improved recycling capabilities
- · Tubular knit for reduced fabric waste
- · Designed for recycling







B197 V-NECK COTTON T-SHIRT

- · Made from 100% cotton fabric for added comfort and breathability
- · Ideal for corporate wear and custom finishes
- Slim fit design for exceptional comfort



B196 LONG SLEEVE T-SHIRT

- · Made from 100% cotton fabric for added comfort and breathability
- · Ideal for corporate wear and custom finishes
- · Stylish unisex design for multi functional use
- · New style



KX370 KX3 CHECK WORK SHIRT

100% Cotton, 165g Titanmill Plus: 65% Polyester, 35% Cotton, 190g

- · Made from 100% cotton fabric for added comfort and breathability
- · Reinforced panels in high wear areas for maximum durability
- · 2 pockets for secure storage
- · Pen pocket







CONDUCTIVE FIBRES IN ESD WORKWEAR PREVENT STATIC BUILD UP BY ALLOWING IT TO DISSIPATE THROUGH THE CONDUCTIVE FIBRES AND GO TO EARTH.

ESD (ELECTROSTATIC DISCHARGE)

A build up of electrostatic charge can damage sensitive electronic components or give fire risks when handling solvents and other flammable materials. These garments are perfect for use in electrostatic protected areas. Conductive fibres in garments work by preventing the static charge build up by allowing it to dissipate through the conductive fibres and go to earth.











AS26 ANTI-STATIC ESD FLEECE

EN 1149 -5 EN 61340-5-1

98% Polyester, 2% Carbon Fibre Anti-Pill Fleece, 280g Hamilton Blue S-3XL, Navy S-3XL, White S-3XL

- Suitable for use in ESD environments
- Tested to EN 61340-5-1
- Designed with a comfort fit
- Middle weight polar fleece with anti-pill finish for added warmth and comfort



AS24 ANTI-STATIC ESD SWEATSHIRT

EN 1149 -5 EN 61340-5-1

96% Cotton, 4% Carbon Fibre, 300g Hamilton Blue S-3XL, Navy S-3XL, White S-3XL

- Suitable for use in ESD environments
- Tested to EN 61340-5-1
- Designed with a comfort fit
- Raglan sleeves for a comfort fit



AS22 ANTI-STATIC ESD LONG SLEEVE **T-SHIRT**

EN 1149 -5 EN 61340-5-1

96% Cotton, 4% Carbon Fibre, 195g
Hamilton Blue S-3XL, Navy S-3XL, White S-3XL

AS21 ANTI-STATIC ESD POLO SHIRT

EN 1149 -5 EN 61340-5-1

96% Cotton, 4% Carbon Fibre, 195g Hamilton Blue XS-3XL, Navy S-XXL, White XS-3XL



AS20 ANTI-STATIC ESD T-SHIRT

EN 1149 -5 EN 61340-5-1

96% Cotton, 4% Carbon Fibre, 195g Hamilton Blue S-3XL, Navy XS-3XL, White







√ NEW

MADE FOR WOMEN





AS10 ANTI-STATIC ESD COAT

EN 1149 -5 EN 61340-5-1

65% Polyester, 34% Cotton, 1% Conductive Fibre, 210g

Hamilton Blue XS-3XL, Navy XS-3XL, White XS-3XL

- \cdot Suitable for use in ESD environments
- · Tested to EN 61340-5-1
- · Concealed stud front for easy access

LIGHTWEIGHT

- · 3 pockets for ample storage
- · Hook and loop cuffs for a secure fit
- · Phone pocket



AS11 ANTI-STATIC ESD TROUSERS EN 1149 -5

EN 61340-5-1

65% Polyester, 34% Cotton, 1% Conductive Fibre, 210g Hamilton Blue XS-XXL, Navy XS-XXL

- Suitable for use in ESD environments
- Tested to EN 61340-5-1
- Half elasticated waist for a secure and comfortable fit

LIGHTWEIGHT

- 6 pockets for ample storage
- · Easy access cargo pocket
- · Side pockets



AS12 WOMEN'S ANTI-STATIC ESD TROUSERS

EN 1149 EN 61340-5-1



65% Polyester, 34% Cotton, 1% Conductive Fibre, 210g

Hamilton Blue XS-XXL, Navy XS-XXL

- Suitable for use in ESD environments
- · Tested to EN 61340-5-1
- Anti-scratch design with no exposed metal parts
- Half elasticated waist for a secure and comfortable fit
- 6 pockets for ample storage
- Easy access cargo pocket







See portwest.com for our ESD hand and foot protection.















ACCESSORIES

DESIGNED FOR WORK AND LEISURE ACTIVITIES

This collection of accessories features fleece and knit style with Insulatex™Pro linings for comfort on the coldest days.





GL13 INSULATED KNIT GLOVE

100% Acrylic, Knit InsulatexPro: 100% Polyester, 40g

InsulatexPro: 100% Polyester, 41



GL14 INSULATED FINGERLESS KNIT GLOVE

100% Acrylic, Knit InsulatexPro: 100% Polyester, 40g Black One Size, Navy One Size





GL16 TOUCHSCREEN KNIT GLOVE

100% Acrylic, Knit

Black S/M-XXL/3XL, Navy S/M,L/XL



GL12 INSULATED FLEECE GLOVE

100% Polyester, Anti-Pill finish Fleece, 316g
InsulatexPro: 100% Polyester, 40g
Black One Size, Navy One Size



CS21 NECK TUBE

100% Polyester, Anti-Pill finish Fleece, 280g
Black One Size, Navy One Size



CS25 ANTI-MICROBIAL MULTIWAY SCARF

98% Cotton, 2% Elastane with Texpel Micro, 180g

Black One Size, Cobalt Blue One Size, Yellow One Size

ACCESSORIES



B013 INSULATED KNIT BEANIE

100% Acrylic, Knit
InsulatexPro: 100% Polyester, 40g
Black One Size, Grey One Size, Navy One
Size

Orange One Size, Yellow One Size



HA10 INSULATED FLEECE BEANIE

100% Polyester, Anti-Pill finish Fleece, 280g InsulatexPro: 100% Polyester, 40g Black One Size, Navy One Size, Orange One Size, Yellow One Size



HA14 REVERSIBLE HI-VIS BEANIE HAT

100% Polyester Fleece, 230g
100% Polyester Fleece, 230g
Yellow/Black One Size
Orange/Black One Size



B010 SIX PANEL BASEBALL CAP

65% Polyester, 35% Cotton, 190g

Black One Size, Navy One Size



B031 WATERPROOF BEANIE

100% Acrylic, Knit
Porelle Membrane
InsulatexPro: 100% Polyester, 40g
Black One Size, Navy One Size



BO26 INSULATED REFLECTIVE KNIT BEANIE

100% Acrylic, Knit InsulatexPro: 100% Polyester, 40g



CS20 FLEECE BALACLAVA

100% Polyester, Anti-Pill finish Fleece, 190g

□□□□□■■

Black One Size, Navy One Size



CS23 MULTIWAY BALACLAVA

Kingsmill Polyester Stretch: 92% Polyester, 8% Elastane, 260g 100% Polyester, 300g Black One Size



HA13 WINTER TRAPPER CAP

100% Polyester, 90g
Fake fur 100% Acrylic, 400g
YYYYYY
100% Polyester, 100g
Black One Size

Portwest knee pads offer a range of knee protection to suit every situation, type 1 (strap on knee pads) and type 2 (insert knee pads). All Portwest knee pads use premium high density material to give the user the best protection possible for their knees no matter the hazard. Diverse materials such as EVA foam, neoprene rubber and silicone gel inserts are used to ensure maximum wearer comfort. Ergonomics is a key feature in our knee pads design and is backed up in the positive feed back we receive from our wearer trials.





PP Cap, TPR, 600D Polyester, SBR, EVA
Foam, Gel
Black/Orange One Size
33cm x 17cm



KP40 ULTIMATE GEL KNEE PAD EN 14404: 2004 + A1: 2010 TYPE 1 LEVEL 1

PVC Shell, Nylon, EVA Foam, Neoprene
Black One Size
21.5cm x 18.5cm



KP30 SUPER GEL KNEE PAD EN 14404: 2004 + A1: 2010 TYPE 1 LEVEL 0

PVC Shell, Nylon, EVA Foam, Neoprene
Black One Size
22cm x 19cm x 2cm



KP20 LIGHTWEIGHT KNEE PAD EN 14404: 2004 + A1: 2010 TYPE 1 LEVEL 0

Nylon, EVA Foam, Plastic Black One Size 26.5cm x 19cm x 2.5cm



KP50 NON-MARKING KNEE PAD EN 14404: 2004 + A1: 2010 TYPE 1 LEVEL 1

TPR, EPE Foam, Polyester
White One Size
24cm x 16cm



KP10 HIGH DENSITY KNEE PAD

Polyurethane
Black One Size
15.5cm x 14.5cm x 2cm

KNEE AND ELBOW PROTECTION





KP33 FLEXIBLE 3 LAYER KNEE PAD

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0

EVA Foam
Black One Size 24cm x 14.5cm x 1.8cm



S156 PORTWEST KNEE PAD EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 0

EVA Foam Black One Size 21.5cm x 16.5cm x 1.5cm



KP44 CE KNEE PAD

EN 14404: 2004 + A1: 2010 TYPE 2 LEVEL 1

EVA Foam Black One Size 24cm x 16.5cm x 2cm





KP05 KNEELING PAD

EVA Foam
Black One Size 40cm x 18.5cm x 2cm



KP45 ELBOW PADS

TPR, Polyester, EVA Foam Black One Size L19cm x H14cm



ERGONOMIC SUPPORTS

INTRODUCING PORTWEST'S NEW COLLECTION OF **ERGONOMIC SUPPORTS.**

We understand the importance of taking care of your body while carrying out dayto-day work tasks. These specially designed styles are aimed at providing support to help prevent repetitive strain and musculoskeletal disorders. Allowing you to work comfortably and confidently, knowing that your body is well-supported.



PW80 BACK SUPPORT BELT

Latex, Polyester ■ Black S-XXL

- Supports spine, lower abdomen and back
- 8 inch wide belt designed to offer full support to the wearer
- Adjustable straps for a secure fit
- Can be worn underneath or over clothing





PW82 BACK POSTURE CORRECTION BELT



SBR, Nylon, Elastane Black One Size

- · Improves spinal alignment by pulling the shoulders back
- · Reduces neck and back pain caused by prolonged
- · Ideal for desk work, either in the workplace or at home
- · Adjustable straps for a secure fit













PW83 WRIST SUPPORT STRAP (PK2)

Nylon, SBR, Elastane
Black One Size

- Supports and stabilises the wrist
- Reduces the risk of injury from physical exertion and heavy lifting
- · Relieves pain from existing wrist conditions
- · Lightweight and comfortable



PW84 OPEN PATELLA KNEE SUPPORT



₩ Nylon, SBR, EVA Black One Size

- Supports and stabilises the knee joint
- Reduces the risk of injury from physical exertion and heavy lifting
- Open patella design ensures freedom of movement
- · Relieves pain from existing knee conditions











PW85 ELBOW SUPPORT SLEEVE

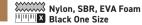


Nylon, Elastane Black M-XL

- Supports and stabilises the elbow joint
- Reduces the risk of injury from physical exertion and heavy lifting
- Relieves pain from existing elbow conditions
- Fits the left or right arm



PW86 ELBOW SUPPORT BRACE



- Reduces the risk of injury from physical exertion and heavy lifting
- Supports and stabilises the elbow joint
- Relieves pain from existing elbow conditions
- Fits the left or right arm



B955 PW3 HI-VIS RUCKSACK

100% Polyester 600D Fabric 200D PU Yellow One Size 47cm x 30cm x 19.5cm

- Heat applied segmented reflective tape for added visibility
- 38cm/15 laptop sleeve
- Pull string front provides extra storage
- · Two mesh water bottle pockets double as multi-use pockets





B905 HI-VIS RUCKSACK



100% Polyester 600D Fabric 210T PA, 100g ▼ Orange One Size, Yellow One Size 28cmx21cmx43cm

- · Padded double straps for added support
- · Reflective tape for increased visibility
- · Padded back panel for wearer comfort
- · Phone pocket







B904 QUICK RELEASE HI-VIS RUCKSACK

100% Polyester 600D Fabric 210T PA Orange One Size 28cm x 21cm x 43cm

- $\cdot\,$ Padded double straps for added support
- Reflective tape for increased visibility
- · Ergonomic quick release buckle
- · Padded back panel for wearer comfort





B916 TRIPLE POCKET BACKPACK

100% Polyester 1680D Fabric Polyester 210D Fabric Black One Size 35cmx22cmx50cm

- · Ideal backpack for day-to-day use
- Durable 1680D polyester construction
- · Three main zipped compartments
- · Adjustable straps for a secure fit



PREMIUM HOLDALL AND BAG



B951 PW3 100L WATER-RESISTANT DUFFLE TROLLEY RAG

Ripstop TPU
200D PU
Black One Size
78cm x 37cm x 35cm

- · Incredibly durable and hardwearing
- · Sturdy inline wheel system
- · Telescopic handle
- · Webbing loops to attach extra luggage



B950 PW3 70L WATER-RESISTANT DUFFLE BAG

Ripstop TPU
200D PU
Black One Size
L70cm x W34cm x H30cm

- · Incredibly durable and hardwearing
- · Detachable and adjustable ergonomic shoulder straps
- · Webbing loops to attach extra luggage
- Inner separate mesh compartment



B960 60L DUFFLE BAG

100% Polyester 600D Fabric 200D PU Black One Size 65cm x 25cm x 35cm

- $\cdot\,$ Ideal for carrying tools, equipment or for use as a travel bag
- · Two zipped compartments
- · Robust base panel
- · Adjustable shoulder strap for added comfort



B914 B00T BAG

100% Polyester 600D Fabric 200D PU Black One Size 35cm x 30cm x 12cm

- \cdot Generous storage to fit most work boots
- · Carry handle for added convenience
- Integrated changing mat
- · 35cm x 30cm x 12cm





B903 TRAVEL BAG

100% Polyester, PVC Coated
Navy One Size
48cmx23cmx32cm

- · Ideal for carrying tools, equipment or for use as a travel bag
- · Two zipped compartments
- · Robust base panel
- · Adjustable shoulder strap for added comfort



B901 HOLDALL KITBAG

100% Polyester 600D Fabric 190T PA Black One Size 52cmx34cmx28cm

- · Adjustable straps for a secure fit
- · Multiple side zip compartments for secure storage
- · Padded double straps for added support
- · 52cm x 34cm x 28cm



B900 HOLDALL BAG

100% Polyester, PVC Coated Black One Size, Navy One Size 68cmx25cmx39cm

- \cdot Ideal for carrying tools, equipment or for use as a travel bag
- · Two zipped compartments
- · Adjustable shoulder strap for added comfort
- · Robust base panel



B910 WATERPROOF HOLDALL BAG

100% Polyester 45C/600D PVC Fabric
Black One Size
57cmx34cmx34cm

- \cdot Waterproof PVC construction ideal for enduring work and weather conditions
- · Inner separate mesh compartment
- · Adjustable shoulder strap for added comfort
- · Robust base panel

LUGGAGE AND TOOL STORAGE



B908 MULTI-POCKET TRAVEL BAG

100% Polyester 600D Fabric 190T PA Black One Size L73cm x W33cm x H29cm

- · Sturdy inline wheel system
- · Multiple side zip compartments for secure storage
- · Padded double straps for added support
- · Robust base panel



B907 MULTI-POCKET TROLLEY BAG

100% Polyester 600D Fabric 190T PA Black One Size 60cm x 40cm x 42cm

- · Sturdy inline wheel system
- · Telescopic handle
- · Multiple side zip compartments for secure storage
- · Padded double straps for added support







B909 TRAVEL TROLLEY BAG

100% Polyester 600D Fabric 210T PA Black One Size 76cmx37cmx36cm

- · Sturdy inline wheel system
- · Telescopic handle
- · Three sections divided with hook and loop strip dividers
- \cdot Durable 600D polyester fabric construction



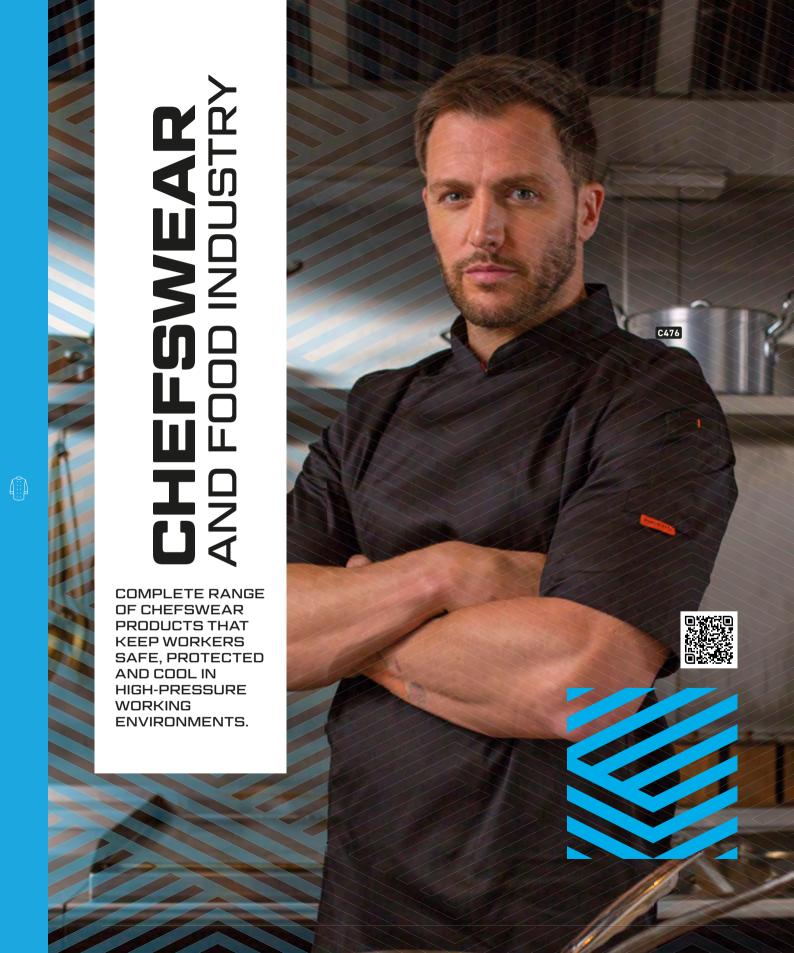


TB02 OPEN TOOL BAG

100% Polyester 600D Fabric
Black One Size
38cmx20cmx25cm

- Softshell open tool bag
- · Collapsible sides and removable base
- Provides easy access for all contents
- · Incorporates a strengthened bar with cushion grip for ease of mobility





CLASSIC FABRICS AND TECHNOLOGIES



KINGSMILL POLYCOTTON

KingsmillTM Polycotton is polyester and cotton woven fabric. This fabric guarantees high performance and maximum comfort. The material is fully pre-shrunk, has superior dye retention and all the features you would expect from a modern workwear fabric.



KINGSMILL COTTON

Kingsmill™ Cotton is our responsibly-sourced, twill weave 100% cotton fabric that provides exceptional comfort and breathability.







Our exclusive range of chefs jackets feature MeshAir™ aerated underarm mesh panels.

Constructed from 100% polyester,
MeshAir aerated mesh 110g helps
improve airflow and wicks
moisture away from the skin.
Special hollow polyester
fibres improve air
circulation, helping to
keep you cool, dry
and comfortable.



MeshAir™ Pro is a double layer 100% polyester aerated mesh designed to improve airflow and draw moisture away from the skin, leaving the wearer cool, dry and comfortable.

The MeshAir Pro 140g fabric features special hollow fibres that enhance air circulation to help regulate body temperature, while the double layer construction offers improved breathability and protection.



CHEFSWEAR

LONG SLEEVE JACKETS















SHORT SLEEVE JACKETS













TROUSERS



















WOMEN'S WEAR







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ESPECIALLY DESIGNED FOR BUSY CATERING PROFESSIONALS















SLIM FIT









Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g

MeshAir Pro: 100% Polyester Mesh, 140g
White S-3XL
Black S-3XL

- · MeshAir ${}^{\text{TM}}$ aerated mesh fabric on underarm gusset to increase air flow
- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Concealed stud front for easy access
- · Slim fit design for exceptional comfort

C074 STRETCH CHEFS JOGGERS

Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g

MeshAir: 100% Polyester Mesh, 140g

- Durable polycotton fabric for high performance and maximum wearer comfort
- 5 pockets for ample storage
- · Cooling mesh fabric for increased breathability
- · Drawcord adjustable waist for a comfortable fit























√ NEW

C746 STRETCH MESH AIR PRO SHORT **SLEEVE JACKET**

Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g

MeshAir Pro: 100% Polyester Mesh, 140g
White S-3XL

Black S-3XL

- · Durable polycotton fabric for high performance and maximum wearer comfort
- MeshAir™ aerated mesh fabric to increase air flow
- · Slim fit design for exceptional comfort
- · Concealed stud front for easy access













C076 COTTON MESH AIR CHEF TROUSERS



Kingsmill Cotton: 100% Cotton, 190g
Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g Back of Knee: MeshAir Pro: 100%

Polyester Mesh, 140g

Black S-3XL

- · Made from 100% cotton fabric for added comfort and breathability
- · 3 pockets for ample storage
- · MeshAirTM aerated mesh fabric on back of knee and crotch gusset to increase air flow
- · Crotch gusset to reduce stress and prevent seam failure













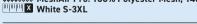


C195 CHEF COTTON MESH AIR T-SHIRT



· Made from 100% cotton fabric for added comfort and breathability

- MeshAir™ aerated mesh fabric to increase air flow









SLIM FIT





C835 SURREY CHEFS JACKET L/S

Kingsmill Cotton with Texpel Finish: 100% Cotton, 190g
MeshAir Pro: 100% Polyester Mesh, 140g

White S-3XL Black S-3XL

- $\cdot\,$ Made from 100% cotton fabric for added comfort and breathability
- · Premium stain resistant finish repels oil, water and grime
- · MeshAir $\ensuremath{^{\text{TM}}}$ aerated mesh fabric to increase air flow
- · Concealed stud front for easy access
- · Concealed zip pocket
- · Superior styling with French cuffs

C838 MESH AIR PRO JACKET L/S

Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g

MeshAir Pro: 100% Polyester Mesh, 140g

White S-3XL

Black S-3XL, Slate Grey S-3XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · MeshAir™ aerated mesh fabric on underarm gusset to increase air flow
- · Superior styling with French cuffs
- · Concealed stud front for easy access
- · Sleeve pocket
- · Apron tab ensures secure placement of your apron

















C735 SURREY CHEFS JACKET S/S

Kingsmill Cotton with Texpel Finish: 100% Cotton, 190g
MeshAir Pro: 100% Polyester Mesh, 140g
White S-3XL

Black S-3XL







SLIM FIT







C072 SURREY TROUSERS

Kingsmill Cotton with Texpel Finish: 100% Cotton, 190g
MeshAir Pro: 100% Polyester Mesh, 140g

Black S-3XL













Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g

MeshAir Pro: 100% Polyester Mesh, 140g
White S-3XL

Black S-3XL, Slate Grey S-3XL











C073 MESH AIR PRO TROUSERS

Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g

MeshAir Pro: 100% Polyester Mesh, 140g









C834 SOMERSET CHEFS JACKET L/S

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g
White XXS-4XL

Black XS-3XL

- · Hard wearing durable twill fabric
- with excellent dye retention
- Five rows of poppers which can be interchanged
- · Reversible front
- · Detachable buttons which can be removed or replaced







Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

MeshAir: 100% Polyester Mesh, 110g

White XS-XXL Black XS-XXL

- · Hard wearing durable twill fabric with excellent dye retention
- MeshAir™ aerated mesh fabric on underarm gusset to increase air flow
- · Four rows of poppers which can be interchanged
- · Sleeve pocket







C734 KENT CHEFS JACKET S/S

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g White XS-3XL Black XS-4XL

- · Hard wearing durable twill fabric with excellent dye retention
- · Five rows of poppers which can be interchanged
- · Reversible front closing
- · Detachable buttons which can be removed or replaced











C733 CUMBRIA CHEFS JACKET S/S

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

White XS-4XL

Black XS-4XL, Slate Grey XS-4XL

- · Hard wearing durable twill fabric with excellent dye retention
- Non shrinking to ensure that this style maintains its shape wash after wash
- · Ring stud front for easy opening
- · Sleeve pocket







C833 SUFFOLK CHEFS JACKET L/S

Kingsmill Polycotton: 65% Polyester, 35%

Cotton, 190g
White XS-3XL

Black XS-3XL, Slate Grey XS-3XL

- $\cdot\,$ Hard wearing durable twill fabric with excellent dye retention
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Ring stud front for easy opening
- · Sleeve pocket







C836 SUSSEX CHEFS JACKET L/S

Kingsmill Cotton: 100% Cotton, Satin Weave, 280g
White XS-3XL

- · Made from 100% cotton fabric for added comfort and breathability
- · Button front closure
- · Durable rubber buttons for a premium finish
- · Mandarin collar











TROUSERS





Kingsmill Cotton: 100% Cotton, 190g Black Check XS-4XL, Blue Check XXS-3XL, Blue Check Tall S-3XL

- · Made from 100% cotton fabric for added comfort and breathability
- Concealed fly zip opening
- · Fully elasticated waistband for ultimate wearer
- Back pocket
- · Drawcord adjustable waist for a comfortable fit
- · Stylish unisex design for multi functional use





Kingsmill Cotton: 100% Cotton, 190g

- Made from 100% cotton fabric for added comfort and breathability
- Concealed zip opening for added security
- Fully elasticated waistband for ultimate wearer comfort
- Phone and pen holder pocket
- Back pocket
- · Drawcord adjustable waist for a comfortable fit



Kingsmill Cotton: 100% Cotton, 190g

- Made from 100% cotton fabric for added comfort and breathability
- Hook and bar closure
- · Half elasticated waist for a secure and comfortable
- · Jetted back pocket
- Side pockets
- · Stylish unisex design for multi functional use













TROUSERS







Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g Black XXS-4XL, Black Short XS-XXL, Black Tall XXS-3XL, Slate Grey XS-4XL

- · Premium stain resistant finish repels oil, water and
- · Hard wearing durable twill fabric with excellent dye retention
- · Drawcord adjustable waist for a comfortable fit
- · Fully elasticated waistband for ultimate wearer comfort
- · Back pocket





Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g Black S-XXL

- · Hard wearing durable twill fabric with excellent dye retention
- Button front closure
- Concealed fly zip opening
- · Half elasticated waist for a secure and comfortable fit
- Back patch pocket
 Side pockets













ACCESSORIES

S792 CANVAS BIB APRON

100% Cotton, 300g Size

70.5cm x 95cm

- · Hard wearing durable twill fabric with excellent dye retention
- · Adjustable neck for a secure fit
- · Anti-tangle ties for secure fastening
- · 5 pockets for ample storage



S840 COTTON BIB APRON

Kingsmill Cotton: 100% Cotton, 280g White One Size

Black One Size, Navy One Size 72cm x 95cm

- · Made from 100% cotton fabric for added comfort and breathability
- · Adjustable neck for a secure fit
- · Anti-tangle ties for secure fastening





S793 CANVAS BAR

100% Cotton, 300g Indigo One Size 70cm x 38cm

- Made from 100% cotton fabric for added comfort and breathability
- Hard wearing durable twill fabric with excellent dye retention
- Anti-tangle ties for secure fastening



S841 POLYCOTTON BIB APRON

Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g

Black One Size, Navy One Size, White One Size 70.5cm x 95cm

- · Premium stain resistant finish repels oil, water and grime
- Adjustable neck for a secure fit
- · Anti-tangle ties for secure fastening









S845 BAR APRON

Kingsmill Polycotton: 65% Polyester, 35% Cotton,

Black One Size 72cm x 38cm

- Hard wearing durable twill fabric with excellent dye retention
- Anti-tangle ties for secure fastening
- · 1 pocket for secure storage



S839 BUTCHERS APRON

Kingsmill Cotton: 100% Cotton, 280g Navy/White One Size, Red/White One Size 69cm x 95cm

- · Made from 100% cotton fabric for added comfort and breathability
- Adjustable straps for a secure fit
- · Anti-tangle ties for secure fastening









ACCESSORIES

S855 BUTCHERS APRON WITH POCKET

Kingsmill Cotton: 100% Cotton, 280g

Navy One Size 72cm x 95cm

- · Made from 100% cotton fabric for added comfort and breathability
- Adjustable neck for a secure fit
- · Anti-tangle ties for secure fastening





S849 WATERPROOF BIB **APRON**

Kingsmill Polyester: 100% Polyester, 245g Navy One Size, Red One Size 72cm x 95cm

- Extremely water resistant ecoconscious fabric finish, water beads away from fabric surface
- · Adjustable neck for a secure fit
- Anti-tangle ties for secure fastening





S843 TABARD WITH

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g Black, Bottle Green, Navy, Red, Royal Blue, White

- · Hard wearing durable twill fabric with excellent dye retention
- Adjustable side opening for added flexibility
- Available in an excellent choice of corporate colours

REG		
S/M-XXL		S/M-XXL
S/M-XXL		S/M-XXL
S/M-XXL		S/M-XXL







S899 CHEFS SKULL CAP

Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g



White One Size Black One Size

- Premium stain resistant finish repels oil, water and grime
- Hard wearing durable twill fabric with excellent dye retention
- Adjustable straps for a secure fit











Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g Black One Size







S896 SNOOD CAP



Kingsmill Cotton: 100% Cotton, 280g
MeshAir: 100% Polyester Mesh, 65g White One Size











Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 190g MeshAir Pro: 100% Polyester Mesh, 140g Black One Size, White One Size











FOOD INDUSTRY







2209 BAKERS SHIRT S/S

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g
White XS-3XL

- · Hard wearing durable twill fabric with excellent dye retention
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Internal chest pocket
- · 1 pocket for secure storage









2201 FOOD COVERALL

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

- · Hard wearing durable twill fabric with excellent dye retention
- · Concealed stud front for easy access
- · Internal chest pocket
- · Pen division



Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g
White XXS-4XL

- Hard wearing durable twill fabric with excellent dye retention
- Non shrinking to ensure that this style maintains its shape wash after wash
- Fully elasticated waistband for ultimate wearer comfort
- · Side pocket









FOOD INDUSTRY



2202 MEN'S FOOD COAT, ONE POCKET

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g
White XS-5XL
Navy XS-4XL, Royal Blue XS-4XL

- · Hard wearing durable twill fabric with excellent dve retention
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Concealed stud front for easy access
- · Internal chest pocket







2205 WOMEN'S FOOD COAT, ONE POCKET

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

- · Hard wearing durable twill fabric with excellent dye retention
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Concealed stud front for easy access
- · Internal chest pocket









Kingsmill Plus: 65% Polyester, 35% Cotton, 245g White XS-3XL

- · Hard wearing durable twill fabric with excellent dye retention
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · Concealed stud front for easy access
- · Internal chest pocket



2207 FOOD INDUSTRY APRON

70% PVC, 30% Polyester, 880g
White One Size
67cm x 97cm

- · Premium water resistant fabric
- · Durable polyester PVC coated fabric
- · Anti-tangle ties for secure fastening







ISPOSABL CCESSORIES





ST11 COVERALL PP 40G (PK120)

100% Polypropylene, 40g
Navy M-3XL
WWW White S-3XL

- · Lightweight and comfortable
- Elasticated hood, ankles, cuffs and waist
 Front zip opening for easy access
- · Available in sizes up to 3XL



DISPOSABLE ACCESSORIES



D118 DISPOSABLE VISITORS COAT PP (PK200)

100% Polypropylene, 30g White S-XXL

· Snap front opening for easy access



D102 METAL DETECT MOB CAP (PK 2800)

100% Polypropylene, 10g
Blue One Size, White One Size, 49cm

- · Elasticated band for easy fitting
- · This product is sold in carton qty's



D100 PP DISPOSABLE MOB CAP (PK3000)

100% Polypropylene, 10g
Blue One Size, White One Size, 49cm

· Elastic band for a comfortable fit



D340 DISPOSABLE PE OVERSHOES (PK6000)

100% Polyethylene Film
Blue One Size, 40cm, 18 Micron

· This product is sold in carton qty's





CLASSIC FABRICS AND TECHNOLOGIES



KINGSMILL POLYCOTTON

Kingsmill™ Polycotton is polyester and cotton woven fabric. This fabric guarantees high performance and maximum comfort. The material is fully pre-shrunk, has superior dye retention and all the features you would expect from a modern workwear fabric



KINGSMILL COTTON

KingsmillTM Cotton is our responsibly-sourced, twill weave 100% cotton fabric that provides exceptional comfort and breathability.



PREMIUM STAIN RESISTANT FINISH REPELS OIL, WATER AND GRIME

Texpel™ SOS is a premium fabric finish which repels oil and liquids, causing them to bead up and roll off the fabric surface. This fabric finish also helps release stains in the washing process, keeping garments looking cleaner for longer.



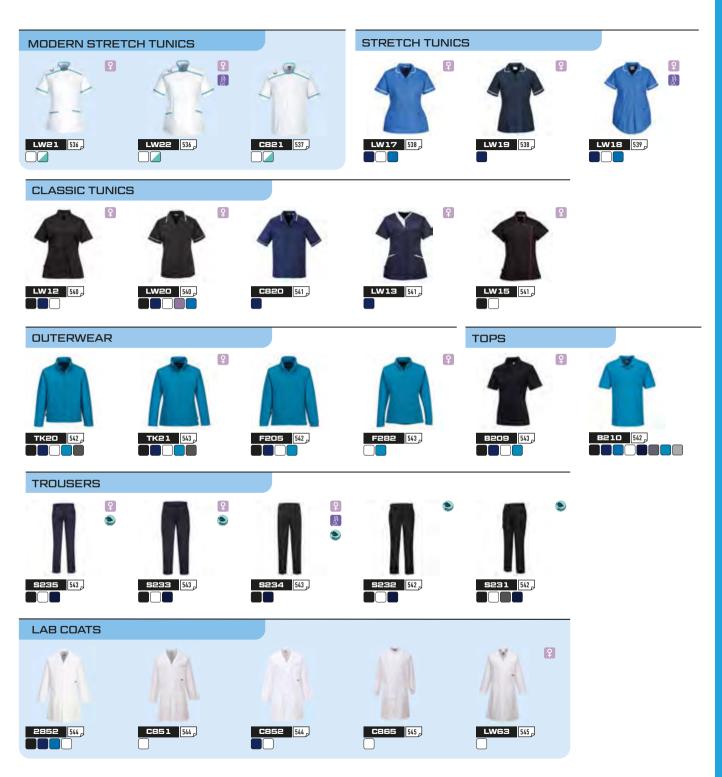
STRETCH FOR ENHANCED MOVEMENT







HEALTH AND HYGIENE WORKWEAR



ESPECIALLY DESIGNED FOR BUSY HEALTHCARE PROFESSIONALS

STRETCH TUNIC



Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 145g
White S-3XL, White/Aqua S-3XL

- · 2-way twill stretch fabric for ease of movement and added comfort
- · Concealed stud front for easy access
- · 4 pockets for ample storage
- · Concealed scissors pocket
- · D-ring for keys or ID cards
- · Action back for extra freedom of movement

Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 145g White S-3XL, White/Aqua S-3XL

- · 2-way twill stretch fabric for ease of movement and added comfort
- Concealed stud front for easy access
- · 4 pockets for ample storage
- · Concealed scissors pocket
- · D-ring for keys or ID cards
- · Action back for extra freedom of movement









STRETCH TUNIC







Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 145g
White S-3XL, White/Aqua S-3XL

- 2-way twill stretch fabric for ease of movement and added comfort
 Concealed stud front for easy access
- · 4 pockets for ample storage
- · Concealed scissors pocket
- · Action back for extra freedom of movement
- · D-ring for keys or ID cards







STRETCH TUNIC

LW17 STRETCH CLASSIC TUNIC

Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 145g Hamilton Blue XS-3XL, Navy XS-3XL, White XS-3XL

- · 2-way twill stretch fabric for ease of movement and added comfort
- · Action back for extra freedom of movement
- \cdot 3 pockets for ample storage
- · Concealed scissors pocket
- · Front zip opening for easy access
- · Waterproof pocket for secure storage









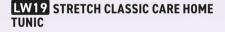




LIGHTWEIGHT







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Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 145g
Navy XS-3XL

- · 2-way twill stretch fabric for ease of movement and added comfort
- · Action back for extra freedom of movement
- · 3 pockets for ample storage
- · Concealed scissors pocket
- · Front zip opening for easy access
- · Waterproof pocket for secure storage







STRETCH TUNIC



SPECIFICALLY DESIGNED MATERNITY FIT



LW18 STRETCH MATERNITY TUNIC

Kingsmill Polycotton Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 145g

Hamilton Blue XS-3XL, Navy XS-3XL, White XS-3XL

- · 2-way twill stretch fabric for ease of movement and added comfort
- · Action back for extra freedom of movement
- · 3 pockets for ample storage
- · Concealed scissors pocket
- · Front zip opening for easy access
- · Waterproof pocket for secure storage









MEDICAL TUNIC

LW20 CLASSIC TUNIC

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

Black XS-XXL, Hamilton Blue XS-3XL, Lilac XS-3XL, Navy XS-4XL, White XS-3XL

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Non shrinking to ensure that this style maintains its shape wash after wash
- · 3 pockets for ample storage
- · Concealed scissors pocket
- · Key loop in pocket
- · Concealed zip opening for added security













Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

Black XS-3XL, Navy XS-3XL, White XS-3XL

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Key loop in pocket
- · 3 pockets for ample storage
- · Concealed scissors pocket
- · Concealed zip opening for added security
- · Action back for extra freedom of movement









MEDICAL TUNIC

C820 MEN'S CLASSIC TUNIC

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

Navy S-3XL

- · Hard wearing durable twill fabric with excellent
- · Outstanding colour fastness and shrinkage results
- · 3 pockets for ample storage
- · Two lower patch pockets
- · Action back for extra freedom of movement
- · Concealed zip opening for added security







LW13 MODERN TUNIC

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

Navy S-XXL

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Concealed zip opening for added security
- · 3 pockets for ample storage
- · Concealed scissors pocket
- · Key loop in pocket
- · Action back for extra freedom of movement



MADE FOR WOMEN





LW15 WRAP TUNIC

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 190g

Black XS-XXL, White XS-XXL

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Concealed stud front for easy access
- · 2 pockets for secure storage
- · Side pockets
- · Darts for additional shaping
- · Modern styling with contrast piping











SOFTSHELL, FLEECE, POLO AND TROUSERS

TK20 PRINT AND PROMO **SOFTSHELL JACKET (2L)**

96% Polyester, 4% Elastane bonded to 100% Polyester Micro Fleece (2L), 280g

Aqua, Black, Grey Marl, Navy, White

Durable, breathable, windproof and water resistant fabric



REG	S-5XL
S-3XL	S-5XL
S-3XL	S-3XL









EN 14058 CLASS 1

100% Polyester, Anti-Pill finish Fleece, 280g Aqua S-3XL, Black XS-3XL, Navy XS-4XL, White S-3XL

Middle weight polar fleece with anti-pill finish for added warmth and comfort





65% Polyester, 35% Cotton, 210g Aqua, Black, Dark Navy, Heather Grey, Metal Grey, Navy, Royal Blue, White

- Made using Pique knit polycotton fabric which is soft to touch and comfortable to wear
- Available in an excellent choice of corporate colours
- · Ideal for corporate wear and custom finishes







S231 WX2 ECO STRETCH **SLIM COMBAT TROUSERS**

Kingsmill Cotton Stretch: 98% Cotton, 2% Elastane, 255g Black, Black Short, Charcoal Grey, Dark Navy, Dark Navy Short, White

· Stretch cotton fabric contains a cotton rich and elastane mix for comfort and freedom of movement

REG: 31" (79CM)				
	СМ	EU	FR	
28 - 48	72 - 124	44 - 64	36 - 60	
SHORT: 2	29" (74CM)			
28 - 42	72 - 108	44 - 58	36 - 54	







S232 WX2 ECO STRETCH **SLIM CHINO TROUSERS**

Kingsmill Cotton Stretch: 98% Cotton, 2% Elastane, 255g Black, Black Short, Dark Navy, Dark Navy Short, White

PLANET

REG: 31" (79CM)					
INCH	СМ	EU	FR		
28 - 52	72 - 132	44 - 70	36 - 66		
SHORT: 29" (74CM)					
28 - 42	72 - 108	44 - 58	36 - 54		





WOMEN'S FLEECE, POLO AND TROUSERS

TK21 WOMEN'S PRINT AND PROMO SOFTSHELL (2L)

96% Polyester, 4%
Elastane bonded to
100% Polyester Micro
Fleece (2L), 280g
Aqua, Black, Grey
Marl, Navy, White

 Durable, breathable, windproof and water resistant fabric



REG	XS-XXL
XS-XXL	XS-XXL
XS-XXL	XS-XXL





F282 WOMEN'S ARAN FLEECE EN 14058 CLASS 1

100% Polyester, Anti-Pill finish Fleece, 280g

 Middle weight polar fleece with anti-pill finish for added warmth and comfort





65% Polyester, 35%
Cotton, 210g
Aqua, Black, Navy, White

- Made using Pique knit polycotton fabric which is soft to touch and comfortable to wear
- · Available in an excellent choice of corporate colours
- Ideal for corporate wear and custom finishes

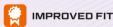




S235 WX2 ECO WOMEN'S STRETCH SLIM CHINO TROUSERS

Kingsmill Cotton Stretch
Eco: 98% BCI Cotton,
2% Elastane, 255g
Black, Dark Navy, White





REG: 31" TO 33"(8		ADJUSTABLE EU FR			
INCH	СМ	EU	FR		
26 - 40	68-100	38-52	40-54		







S233 WX2 ECO WOMEN'S STRETCH CARGO TROUSERS

Kingsmill Cotton
Stretch: 98% Cotton,
2% Elastane, 255g
Black, Dark Navy, White

 Stretch cotton fabric contains a cotton rich and elastane mix for comfort and freedom of movement











S234 WX2 ECO STRETCH MATERNITY TROUSERS

Kingsmill Cotton
Stretch: 98% Cotton,
2% Elastane, 255g
Black S-3XL, Dark
Navy S-3XL

 Stretch cotton fabric contains a cotton rich and elastane mix for comfort and freedom of movement



IMPROVED FIT



MATERNITY







LAB COAT







2852 LAB COAT

開

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Black XS-XXL, Navy XS-3XL, Royal Blue XS-3XL

White XXS-5XL

- · Hard wearing durable twill fabric with excellent dye retention
- · Concealed stud front for easy access
- · 3 pockets for ample storage
- · Two lower patch pockets

C852 STANDARD COAT

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 245g

Navy S-4XL White XS-4XL

- Hard wearing durable twill fabric with excellent dye retention
- Concealed stud front for easy access
- · 3 pockets for ample storage
- · Two lower patch pockets
- · Available in sizes from XS to 4XL

C851 STANDARD COTTON COAT

Kingsmill Cotton: 100% Cotton, 305g

- Made from 100% cotton fabric for added comfort and breathability
- Premium non shrinking cotton workwear fabric
- 3 pockets for ample storage
- · Concealed stud front for easy access
- · Two lower patch pockets
- · Available in sizes from XS to 3XL















LAB COAT



245g



LW63 WOMEN'S STANDARD COAT

Kingsmill Polycotton: 65% Polyester, 35% Cotton, 210g
White XXS-XXL

- · Durable polycotton fabric for high performance and maximum wearer comfort
- · Concealed stud front for easy access
- · 3 pockets for ample storage
- · Two lower patch pockets
- · Women's fit

C865 HOWIE COAT - TEXPEL FINISH

Kingsmill Polycotton with Texpel Finish: 65% Polyester, 35% Cotton, 245g

White XXS-4XL

- · Durable polycotton fabric with Texpel stain resistant finish
- · Ribbed cuffs for added comfort
- · 3 pockets for ample storage
- · Ring stud front for easy opening
- · Two lower patch pockets
- · Available in sizes from XXS to 4XL

























CUT

570



FOOD SAFE

590



IMPACT

592



MECHANIC

598



PRO

601



ESD

604



COLD

606



GRIP

610



LEATHER

626



LINER

629



WELD

630



CHEMICAL

632



DISPOSABLE

636



VEND

563



MATERIALS FOR EVERY APPLICATION

Below is a guide to materials used and the performance factors associated. This will aid in decision making to secure the right hand protection for the job.

GLOVE LINER TYPE



KNITTED SEAMLESS

Highly breathable and close fitting for good dexterity. The seamless liner avoids irritation offering improved comfort.



SEWN & IMPREGNATED

Available with several types of construction and assembly, mainly cut and sewn. Coating is bound to the fabric for good resistance to abrasion. Sewing and impregnation process allows the manufacturing of thin gloves, for enhanced dexterity.



COATED/DIPPED

Made by dipping a knitted or woven cloth liner into the glove compound the liner supports the compound and adds strength. The compound used enhances the mechanical performance with different compounds used for different conditions.

GLOVE LINER MATERIAL



HPPE (High Performance Polyethylene) High performance cut resistance, comfort and abrasion resistance



UHMWPE (Ultra High Molecular Weight Polyethylene) Premium cut resistant, free from steel and glass fibres



LEATHER: SPLIT GRAIN Dry grip, abrasion resistance and durable.



NYLON Stretch and elasticity



PARA-ARAMID Cut and heat resistance



COTTON Comfort and breathability



SMOOTH GRAIN Durable, supple and oil & water repellent

LEATHER:



POLYESTER Durability



GLASS FIBRE Cut Resistance



ACRYLIC Insulation

DIPPING MATERIAL



NITRILEExcellent resistance to snag, cut, puncture and abrasion. Dry



NEOPRENE Dry, wet and oil grip



NITRILE SANDY Wet and dry grip. High abrasion resistance.



NITRILE MICRO FOAM High dexterity with improved touch sensitivity



NITRILE FOAM Oil and wet grip



PU (Polyurethane) Good abrasion resistance. Dry grip



LATEX Dry and wet grip



(Polyvinyl Chloride)
Good abrasion resistance.
Dry, wet and oily grip



TPR (Thermoplastic Rubber) Impact Protection



TPV (Thermoplastic Vulcanizates) Impact Protection

CUFF STYLE



BEADED

Optimise liquid protection with increased cuff strength



STRAIGHT

Additional length which protects forearm from liquid runoff



KNITWRIST

Securely fits gloves in place and prevent dirt entering the glove



SAFETY CUFF

Provides additional wrist protection (7cm in length)



PINKED

Traditional style. improved edge grip for ease of donning and alove removal



SUPPORTED GLOVES

A liner is dipped into a compound material.



SLIP ON CUFF

Easy donning, economical design



GAUNTLET



UNSUPPORTED **GLOVES**

Moulds are dipped directly into a compound material, giving the wearer maximum dexterity. There are two options, unlined or flocklined with cotton or rayon polyester for improved comfort



Additional length which protects forearm (10cm plus)



DY ULTRA



Discover the Perfect Fit Hand Protection!

Choosing the right size of gloves is essential for workers safety and productivity. Simply follow our easy steps to find gloves that fit just right...

Step 1

Align the base of your hand with the bottom orange line and your index finger with the left orange line on the hand image provided.

Step 2

Measure the width of your hand and select the measurement closest to the right edge.

Step 3

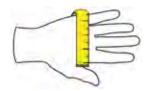
Measure the length of your hand from the base to the tip of your middle finger, including fingernails.

Step 4

Once you have both measurements take the average measurement to give you your ideal size. If the final measurement falls between sizes (e.g., 9 ½), we recommend choosing the larger size (e.g., size 10/XL). For cut-resistant gloves, we also recommend opting for the larger option, as they have limited stretch.

OR

Measure the circumference of your hand at the palm using a tape measure. The size chart explains which size glove will fit you best.



GLOVE AND HAND SIZE CHART AS PER STANDARD EN21240									
Hand Size	5	6	7	8	9	10	11	12	13
Palm Circumference (inches)	5"	6"	7"	8"	9"	10"	11"	12"	13"
Hand Length (inches)	5½-6	6-6½	6½-7	7-7½	7½	8	8½	9	9½
Minimal Glove Length (inches)	8	8½	9	9½	9½-10	10-10½-	10½-11	11½-12	12½
Glove Size	XXS / 5	XS / 6	S / 7	M / 8	L/9	XL / 10	XXL / 11	3XL/12	4XL/13
Portwest Cuff Colour Code									













PRECISION MEETS PROTECTION WITH OUR **DEXTERITY GLOVES**

Experience the ultimate blend of protection, flexibility, and comfort with our dexterity hand protection gloves.







DEXTERITY GLOVES

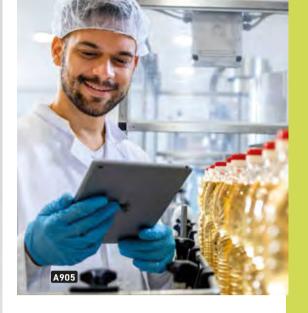


21 GAUGE GLOVE CT21 584 p

SAFE HANDS, SAFE FOOD

FOOD SAFE GLOVES
FOR SAFE PREPARATION
AND HANDLING OF FOOD

Ensure optimal hand hygiene with our essential food-safe hand protection, a necessity for every worker in the food industry. Our gloves are meticulously engineered to maintain food integrity upon contact, guaranteeing the utmost level of hand hygiene. We offer a range of disposable and non-disposable gloves that promote dexterity, durability, and cut protection for a safe work environment. Experience the perfect blend of comfort, protection, and durability in every pair.







A905





EN ISO 21420:2020 - Protective Gloves - General Requirements And Test Methods (Updated From EN 420:2003+A1:2009)

Under EN ISO 21420 this standard defines the general requirements for glove design and construction, sizing, dexterity, water vapour transmission and absorption, electrostatic properties (in accordance with EN16350:2014) and innocuousness.

Innocuousness test now includes, pH (between 3.5 and 9.5), Chromium VI for leather products (less than 3mg/kg), nickel release for metallic components (less than 0.5µg/cm2/ week), azo colourants (less than 30mg/kg), dimethylformamide or DMFa in Polyurethane products (less than 1000mg/kg). Poly Aromatic Hydrocarbons or PAH (less than 1mg/kg). The innocuousness testing covers where applicable elements of regulations such as REACH (Regulation (EC) No 1907/2006) Annex XVII.

Protective Gloves Against Mechanical Risks - EN388:2016+A1:2018

Over recent years, changes in the manufacturing process of protective gloves has meant that the well established method of hand protection testing (EN388:2003), and in particular the test to assess protection against cuts has now been deemed no longer fit for purpose. Whilst the old system in EN388:2003 and its 1-5 numbering system was easy to understand, the development

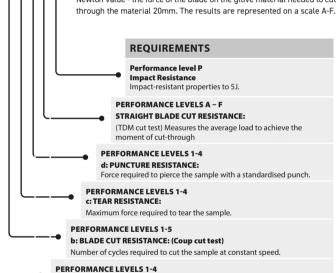
of newer cut resistant materials combined with a drive from industry to provide the highest level of cut protection possible meant that the method for testing hand protection needed to be revised.

EN388:2016 seeks to update the standard and by doing this, 2 tests have been revised (abrasion and cut) and 2 new tests have been included (straight blade cut resistance and impact resistance).

1341EP

EN388

EN388:2003 Standards specifies physical and mechanical aggression caused by abrasion, blade cut, tearing and puncture. EN388:2016 updates the existing standard with this new test method for abrasion, blade cut & impact resistance. EN ISO 13997:1999 (TDM test) records cut results as a Newton value - the force of the blade on the glove material needed to cut



EN 388:2016+A1:2018	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion resistance (number of cycles)	100	500	2,000	8,000	-
Blade cut resistance (index) Coup test method	1.2	2.5	5	10	20
Tear resistance (N)	10	25	50	75	-
Puncture resistance (N)	20	60	100	150	-

Number of cycles required to damage the sample at constant speed.

EN ISO 13997:1999 TDM	Level A	Level B	Level C	Level D	Level E	Level F
Cut resistant test levels (N)	2	5	10	15	22	30



EN 1082 Parts 1 to 3: 1997 to 2000 Parts 1 to 3: Protective clothing.

a: ABRASION RESISTANCE:

Gloves and arm guards protecting against cuts and stabs by hand knives.

FN407



1 3 1 2 1 2

Protective Gloves Against Thermal Risks (Heat and/or Fire) EN 407: 2020 (AS/NZS 2161.4)

This standard specifies thermal performance for protective gloves against heat and/or fire. The heat and flame pictogram is accompanied by a 6 digit number.

REQUIREMENTS

PERFORMANCE LEVELS 1-4

f: RESISTANCE TO LARGE QUANTITIES OF MOLTEN METAL Amount required to damage the glove and through to the

PERFORMANCE LEVELS 1-4

e: RESISTANCE TO SMALL SPLASHES OF MOLTEN METAL Amount of droplets required to raise the glove to a certain temperature

PERFORMANCE LEVELS 1-4 d: RESISTANCE TO RADIANT HEAT:

Time required to raise a given temperature level.

PERFORMANCE LEVELS 1-4

c: RESISTANCE TO CONVECTIVE HEAT:

Time during which the glove is able to delay the transfer of heat of a flame.

PERFORMANCE LEVELS 1-4

b: RESISTANCE TO CONTACT HEAT:

Temperature (within the range of 100°C to 500°C) at which the person wearing the gloves will not feel any pain (for a period of at least 15 seconds).

PERFORMANCE LEVELS 1-4

a: RESISTANCE TO LIMITED FLAME SPREAD:

Time during which the material remains lit and continues to be consumed after the ignition source has been eliminated.

B. RESISTANCE TO CONTACT HEAT

PERFORMANCE LEVEL	CONTACT TEMPERATURE (°C)	THRESHOLD TIME (Second)
1	100°C	≥15s
2	250°C	≥15s
3	350°C	≥15s
4	500°C	≥15s

FN407



EN 407:2020 - Glove Protective Against Thermal Risks

This standard was superseded the 2004 version in April 2020. Limited Flame Spread had been updated from Burning Behaviour and now includes oven gloves to be classed as PPE. If a glove does not claim any protection against limited flame spread then an alternative symbol is used to indicate protection without flame. Gloves certified to the 2004 version of the standard do not need to change until the existing certificate expires.

EN12477



Protective Gloves For Welders EN 12477:2001+A1:2005

This European Standard specifies requirements and test methods for protective gloves for use in manual metal welding, cutting and allied processes. According to their performance, protective gloves for welders are classified into two types.

Type A: Lower dexterity (with higher other performance). Type B: Higher dexterity (with lower other performance).

EUROPEAN HAND PROTECTION STANDARDS



Protective Gloves: Against Chemicals And Micro-Organisms EN ISO 374-1:2016+A1:2018 (AS/NZS 2161.10.1)

Terminology and performance requirements for chemical risks. Chemical protective gloves are classified into three types: A, B and C, which are related to performance levels and the number of chemicals they are protective against. Glove with a length longer

than 400mm will have to be additionally testing in the cuff area.



EN 16350:2014

Protective Gloves: Electrostatic Properties

This European standard specifies a test method for the electrostatic properties of gloves. The test improves on EN1149 as it requires a lower vertical resistance of less than 10 ohms. Gloves tested to EN16350:2014 can be used in areas where there may be an increased risk of explosion, such as in a refinery.

IEC 61340-5-1:2016

Protection of Electronic Devices from Electrostatic

Phenomena: General Requirements

This standard specifies a test method for PPE products used in high sensitive areas where an electrostatic charge can potentially cause damage to delicate components such as electrical circuit boards and microchips.

All gloves in the Portwest ESD Glove collection have been tested to both standards.

ISO 374-1/Type C







Code	Chemical	Class
Α	Methanol	Primary alcohol
В	Acetone	Ketone
С	Acetonitrile	Nitrile compound
D	Dichloromethane	Chlorinated hydrocarbon
E	Carbon disulphide	Sulphur containing organic compound
F	Toluene	Aromatic hydrocarbon
G	Diethylamine	Amine
Н	Tetrahydrofurane	Hetero-cyclic and ether compound
I	Ethyl acetate	Ester
J	n-Heptane	Saturated hydrocarbon
К	40% Sodium hydroxide	Inorganic base
L	96% Sulphuric acid	Inorganic mineral acid, oxidising
М	65% Nitric Acid	Inorganic mineral acid, oxidising
N	99% Acetic Acid	Organic acid
0	25% Ammonium hydroxide	Organic base
Р	30% Hydrogen peroxide	Peroxide
S	40% Hydrofluoric acid	Inorganic mineral acid
Т	37% Formaldehyde	Aldehyde

EN ISO 374-2:2019 Determination of resistance to penetration

ISO 374-5:2016



EN ISO 374-4:2019 Determination of resistance to degradation by chemicals (DR)

Tests puncture resistance before and after exposure to a challenge chemical. The average of the performance will be recorded in the usersheet as a percentage (%).

Marking of gloves and fungi

protecting against, bacteria EN ISO 374-5:2016 Terminology and performance requirements for micro-organisms risks

Microorganisms are classed as bacteria, viruses or fungi. Gloves protecting against viruses must also pass IS016604:2004.

ISO 374-5:2016



Additional marking for Virus

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals. Permeation by liquid chemical under conditions of continuous contact. Testing to determine the level of resistance against chemicals permeating through the glove material.

EN ISO 10819

Protective Gloves: Mechanical Vibration And Shock EN ISO 10819:2013+A1:2019 (AS/NZS 2161.9)



This European Standard specifies a method for the laboratory measurement, the data analysis and reporting of the vibration transmissibility of gloves in terms of vibration transmission from a handle to the palm of the hand in the frequency range from 25 Hz to 1250 Hz. The standard is intended to define a screening test for the vibration transmission through gloves.



EN 455:2000

Medical gloves for single use



Part 2: Requirements and testing for physical properties

Part 3: Requirements and testing for biological evaluation

Part 4: Requirements and testing for shelf life determination



CE foodsafe

European legislation with respect to Food Contact Materials (Directive EC1935/2004) requires that food contact materials shall not transfer their ingredients to food and must not modify the organoleptic properties (ie. colour, smell, texture and taste) of the food. Products intended for food contact shall be labelled as such.

EN511

Protective Gloves Against Cold EN 511:2006 (AS/NZS 2161.5)



The European Standard EN 511 specifies the requirements and test methods for gloves which protect against conductive cold down to -50 degrees Celsius. This cold can be linked to the climate conditions or an industrial activity.



EN ISO 11393-4

Protective Gloves: For Users Of Hand Held Chainsaws



EN ISO 11393-4:2019

This European Standard specifies the requirements for gloves for resistance to cutting by a chainsaw. The requirements are also given for marking and for the provision of information to be supplied by the manufacturer including criteria for the selection of appropriate gloves and instructions for use.

Class	0	1	2	3
Maximum chain speed (m/s)	16m/s	20m/s	24m/s	28m/s



Hand Protection Standards Explained



AS/NZS 2161 AUSTRALIA/STANDARDS NEW ZEALAND Occupational protective



This Standard sets out recommendations to achieve hand protection against hazards experienced in the workplace. It gives guidance on the following: selection, use, maintenance, the safe and hygienic practices to be followed in the decontamination/cleaning, storage and reissue of gloves to maintain the performance as appropriate.

Australian Standards - Gloves	EN Standards Gloves
AS/NZS 2161.1	N/A
AS/NZS 2161.2	EN ISO 21420
AS/NZS 2161.3	EN388
AS/NZS 2161.4	EN407
AS/NZS 2161.5	EN511
AS/NZS 2161.8	EN421
AS/NZS 2161.9	EN ISO 10819
AS/NZS 2161.10.1	EN374-1
AS/NZS 2161.10.2	EN374-2
AS/NZS 2161.10.3	EN374-3





ANSI/ISEA 138

American National Standard for Performance and Classification for Impact-Resistant Gloves (ANSI/ISEA 138-2019)

This new standard provides an improved method of classifying impact protection to the back of the hand. The test is conducted by dropping a 5-joule mass on the impact points of the glove, recording the force transferred in kilonewtons (kN). This test is repeated eight times for the knuckles and ten times for the fingers. Gloves are classified based on test result average of the tests conducted. To classify as an ANSI/ISEA 138 level 1, 2, or 3, the average and all test results must be within the classification parameters.

Classification for Impact Resistance				
Performance Levels Mean (kN) All Impact (kN				
1	€ 9	< 11.3		
2	€ 6.5	∢ 8.1		
3	4 4	∢ 5		

ASTM F2675-19

Test Method For Determining Arc Ratings of Hand Protective Products Developed and Used for Electrical Arc Flash Protection.

This test method is used to measure and describe the properties of hand protective products in response to convective and radiant energy generated by an electric arc under controlled laboratory conditions. There are 4 levels in the Hazard Risk Category rated by the ATPV (Arc Thermal Performance Value).

Hazard Risk Category	Minimum ATPV cal/cm2	
0	n/a	
1	4	
2	8	
3	25	
4	40	

ANSI/ISEA 105

American National Standard for Hand Protection

This standard addresses the classification and testing of hand protection for specific performance properties related to chemical and industrial applications. Hand protection includes gloves, mittens, partial gloves, or other items covering the hand or a portion of the hand that are intended to provide protection against or resistance to a specific hazard.



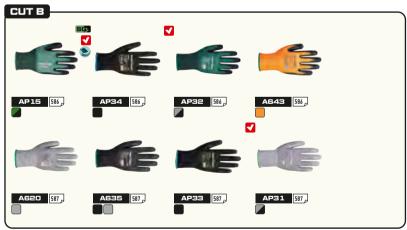




CUT PROTECTION





















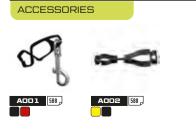














ECO-CONSCIOUS

PACKAGING SOLUTION

BIGGER PACK, BETTER VALUE

Introducing our cost-saving and eco-conscious initiative - packing our gloves in multipacks. By reducing the amount of packaging waste, we are committed to minimising our environmental impact while still providing the same quality hand protection you know and trust. Our gloves come in a range of sizes and materials to suit any industry need, all while supporting a sustainable future.



ECO-CONSCIOUS

PACKAGING SOLUTION



VEND READY PACKAGING SOLUTION

- SAVE TIME AND MONEY
- PRE-FOLDED TO SUIT MOST VENDING MACHINES
- REDUCE RESTOCKING INEFFICIENCIES
- NO INDIVIDUAL PACKAGING TO REDUCE WASTE











VB120 VENDING PU PALM (288 PAIRS)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, PU
White XS/6-XXL/11

Black XS/6-XXL/11, Grey XS/6-XXL/11











EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Nitrile White/Grey XS/6-XXL/11













VB620 VENDING CUT B13 PU GLOVE (144 PAIRS)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X41B ANSI/ISEA 105: 2016 CUT LEVEL A2

HPPE, Elastic, Polyester, PU Grey XS/6-XXL/11











NON VEND OPTION AVAILABLE





VB622 VENDING CUT C13 PU GLOVE (144 PAIRS)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43C EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Elastic, Polyester, Glass Fibre, PU Grey XS/6-XXL/11







ECO-CONSCIOUS

WITH AN

EXPERTLY DESIGNED FIT

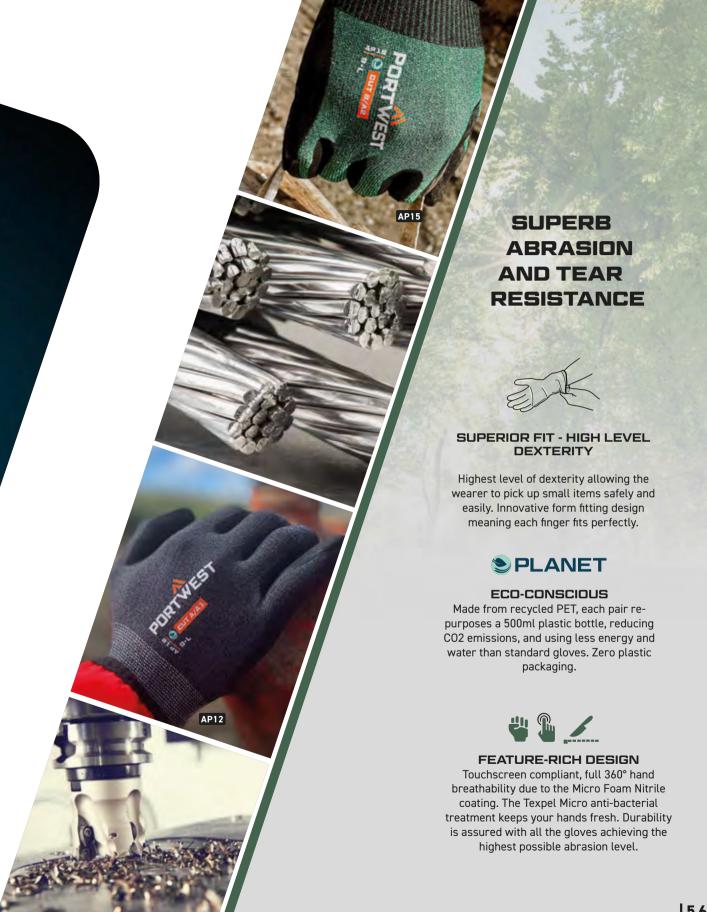
FOR PRECISION

HANDLING











NO STEEL AND GLASS FIBRES

AN UNRIVALLED COLLECTION OF UNIQUELY COMFORTABLE ULTRA-LIGHT AND

BREATHABLE CUT PROTECTION.

The CT Series collection of cut resistant gloves is unlike any other offering on the market. Using innovative fabrics and production techniques, these gloves are uniquely comfortable, ultra-light, breathable and flexible







after 10 washes.





HIGH LEVEL CUT RESISTANCE

Introducing the CS Series cut resistant hand protection collection. Packed with features such as touchscreen compatibility, reinforced thumb crotch and reflective labels for improved visibility in low light conditions. Each glove comprises high performance polyethylene (HPPE) which is 8 times stronger than steel.











Selecting the Correct Cut Protection

In order to assist in selecting the best cut gloves to your application, Portwest suggest using this 3 step process:

Step 1. Identify the Hazard & Decide on Risk of Injury

HAZARD IDENTIFICATION	FACTOR	
No Hazard	1	
Fully Controlled Hazard	2	
Controlled Hazard	3	
Limited Control	4	
No Control	5	

RISK OF INJURY	FACTOR		
No Perceived Risk	1		
Very Low Risk	2		
Low Risk	3		
Medium Risk	4		
High Risk	5		
Very High Risk	6		

Step 2. Calculate the Required Protection Levels

Multiplying the Risk by the Hazard will provide a performance level (value) from which to base the required cut resistance. The value used for the new test method is Newton's, following this method will give an appropriate Newton value.

Using the two tables above, calculate the required minimum cut performance. e.g. High Risk (5) x Limited Control (4) = 20

The Performance Levels Explained table explains the performance levels (values).

Performance Levels Explained

RISK CUT PERFORMANCE (Newtons) = (Risk x Hazard)					
6	6	12	18	24	30
5	5	10	15	20	25
4	4	5	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
HAZARD	1	2	3	4	5

Step 3. Find the Suitable Level of Cut Protection

Apply the performance level to the EN388:2016 levels below to find a suitable level of cut protection.

LEVELS OF	LEVELS OF PERFORMANCE TO EN388:2016					
CUT LEVEL	Α	В	С	D	Е	F
CUT LEVEL (Newtons)	2	5	10	15	22	30

Gloves are tested to a minimum performance level so if you are unsure of the required level of cut protection choose the next level up. For example, if your assessment suggests 12 Newtons then perhaps choose a level D glove.







CT67 CT CUT F13 NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 105: 2016 ABRASION LEVEL 4 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 4 EN 407: 2020 X1XXXX

DyUltra™, Polyester, Elastic, Elastane, Nitrile Foam

Grey/Black XS/6-XXL/11

- · Level F cut resistance
- · 13 gauge liner for a perfect fit
- · Free from glass and steel fibres
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Retains cut performance level for up to 10 washes
- · Protection against contact heat up to 100°C



































A672 CS CUT F13 NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X44F EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A7 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 4

ANSI/ISEA 105: 2016 ABRASION LEVEL 6 HPPE, Nylon, Glass Fibre, Steel Fibre, Elastic, Elastane, Nitrile Foam

Black XS/6-XXL/11

- · Level F cut resistance
- · 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Reinforced thumb crotch for extra protection and durability
- This glove can be used with most mobile touchscreen devices
- · Protection against contact heat up to 100°C







ANSI/ **ISEA** 105: 2016





A673 CS CUT F18 NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42F ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 105: 2016 ABRASION LEVEL 4 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 3

HPPE, Nylon, Steel Fibre, Elastic, Elastane, Nitrile Foam

Black XS/6-XXL/11

- · Level F cut resistance
- · 18 gauge liner for extra dexterity
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Reinforced thumb crotch for extra protection and durability
- This glove can be used with most mobile touchscreen devices
- · Reflective label for improved visibility

















A670 CS CUT F13 PU GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43F

EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 105: 2016 ABRASION LEVEL 6 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 3

HPPE, Nylon, Glass Fibre, Steel Fibre, Elastic, Elastane, PU Black XS/6-XXL/11

- Level F cut resistance
- · Protection against contact heat up to 100°C
- · Smooth PU coating for increased abrasion resistance
- Reflective label for improved visibility
- Reinforced thumb crotch for extra protection and durability
- · This glove can be used with most mobile touchscreen devices







ANSI/ ISEA

105: 2016



A671 CS CUT F13 LATEX GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X44F

EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A7 ANSI/ISEA 105: 2016 ABRASION LEVEL 4 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 3

HPPE, Nylon, Glass Fibre, Steel Fibre, Elastic, Elastane, Latex

- · Level F cut resistance
- · Protects from glass, blades and abrasions
- Protection against contact heat up to 100°C
- · Crinkle latex grip offers excellent grip
- Reinforced thumb crotch for extra protection and durability
- Superior strength and comfort





ANSI/ 105: 2016



IMPROVED

REINFORCED THUMB

A674 CS CUT F13 LEATHER GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 4X44F

EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A7 ANSI/ISEA 105: 2016 ABRASION LEVEL 6 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 4

HPPE, Glass Fibre, Nylon, Elastic, Steel Fibre, Cow Split Leather, Elastane

Black XS/6-XXL/11

- · Level F cut resistance
- · Leather palm greatly improves durability
- · Additional reinforced protection on palm and forefinger areas
- · Designed for tasks that require reinforced abrasion resistance
- Protection against contact heat up to 100°C
- · Reflective label for improved visibility





ANSI/ ISEA

105: 2016















A657 AHR 10 FOOD GLOVE LINER - 1 GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X4XF ANSI/ISEA 105: 2016 CUT LEVEL A7

HPPE, Steel Fibre, Polyester, Nylon, Elastic ☐☐☐☐ Grey S/7-XXL/11

- · Level F cut resistance
- · Approved for safe food handling
- Machine washable up to 92°C
- · Sold as a single glove
- · Ambidextrous suiting left and right handed users
- · Low linting construction for minimal contamination



SOLD IN SINGLES







ANSI/ ISEA 105: 2016



A667 CLAYMORE AHR CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A8 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

HPPE, Steel Fibre, Basalt, Elastic, Polyester, Elastane, Nitrile Sandy Blue/Black M/8-XXL/11

- · Level F cut resistance
- · Seamless 13 gauge liner
- · Maximum cut resistance according to EN388:2016
- · Excellent durability and grip in wet and dry conditions
- Breathable seamless liner
- · Designed to be worn in a tough work environment



REINFORCED WITH **BASALT FIBRES**



ANSI/ ISEA







CT65 CT CUT E15 NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43E EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A5

DyUltra, Polyester, Elastic, Elastane, Nitrile Foam Grey/Black XS/6-XXL/11

- · Level E cut resistance
- 15 gauge liner for extra dexterity
- · Free from glass and steel fibres
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Retains cut performance level for up to 10 washes
- · Protection against contact heat up to 100°C



































A660 CS CUT E18 PU GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X42E ANSI/ISEA 105: 2016 CUT LEVEL A5 ANSI/ISEA 105: 2016 ABRASION LEVEL 4 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 3

HPPE, Nylon, Steel Fibre, Elastic, Elastane, PU

- · Level E cut resistance
- · 18 gauge liner for extra dexterity
- · Smooth PU coating for increased abrasion resistance





ANSI/ ISEA 105: 2016



A661 CS CUT E18 NITRILE GLOVE EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 4X42E ANSI/ISEA 105: 2016 CUT LEVEL A5 ANSI/ISEA 105: 2016 ABRASION LEVEL 4 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 4

HPPE, Nylon, Steel Fibre, Elastic, Elastane, Nitrile Foam
□□□□□■■ Black XS/6-XXL/11

- · Level E cut resistance
- · 18 gauge liner for extra dexterity
- · Nitrile foam coating for excellent grip in wet and dry conditions





ANSI/ ISEA 105: 2016





A650 CS CUT E15 NITRILE GLOVE

HPPE, Nylon, Glass Fibre, Elastic, Steel Fibre, Elastane, Nitrile Foam

Grey/Black XS /6- XXL/11

- · Level E cut resistance
- · 15 gauge liner for extra dexterity
- · Nitrile foam coating for excellent grip in wet and dry conditions









ANSI/ ISEA 105: 2016





A665 VHR ADVANCED CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X44E ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 105: 2016 ABRASION LEVEL 6 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 4

HPPE, Steel Fibre, Glass Fibre, Polyester, Elastic, Elastane, Nitrile

Grey XS/6-XXL/11

- · Level E cut resistance
- · Seamless 13 gauge liner
- · Flexible sandy nitrile coating offers great grip in wet and dry conditions





CUT/D

EXPERIENCE SUPERIOR CUT RESISTANCE AND DURABILITY WITH OUR CUT LEVEL D GLOVES. ENGINEERED FOR OPTIMAL GRIP AND FLEXIBILITY IN DEMANDING ENVIRONMENTS.





CT46 CT CUT D18 NITRILE IMPACT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X42DP

EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4

DyUltra, Nylon, PVC, Elastic, Elastane, Nitrile Sandy Grey/Black XS/6-XXL/11

- · Level D cut resistance
- · This glove can be used with most mobile touchscreen devices
- Nitrile foam coating for excellent grip in wet and dry conditions
- · Free from glass and steel fibres to reduce skin irritation
- · For low-energy impact protection
- · Retains cut performance level for up to 10 washes







ANSI/ ISEA











CT45 CT CUT D18 NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42D EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4

DyUltra, Polyester, Elastic, Elastane, Nitrile Foam Grey/Black XS/6-XXL/11

- · Level D cut resistance
- · 18 gauge liner for extra dexterity
- · Free from glass and steel fibres
- Nitrile foam coating for excellent grip in wet and dry conditions
- · Retains cut performance level for up to 10 washes
- · Protection against contact heat up to 100°C























AP81 LIQUID PRO HR CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X43D ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Elastic, Glass Fibre, Polyester, Elastane, Latex, Latex Foam

- · Level D cut resistance
- · Seamless 13 gauge liner
- · Liquid Pro offers maximum liquid protection
- · Dual latex coating
- · Prevents grease, oil and water penetration
- · Excellent for jobs requiring high dexterity



ANSI/ ISEA 105: 2016



AP50 AQUA CUT PRO GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43D ANSI/ISEA 105: 2016 CUT LEVEL A6

HPPE, Polyester, Nylon, Glass Fibre, Elastic, Elastane, Nitrile, Nitrile Foam

Blue/Black S/7-XXL/11

- · Level D cut resistance
- · Seamless 13 gauge liner
- · Protects against cuts and abrasion
- · Double dipping for maximum liquid repellency
- $\cdot\,$ Sandy finish for exceptional grip in water, grease or oil
- · Prevents grease, oil and water penetration

















A611 ARAMID HR CUT LATEX GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X43D EN 407: 2020 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4

Polyester, Aramid, Steel Fibre, Elastic, Latex
Black/Blue S/7-3XL/12

- · Level D cut resistance
- · Tough 10 gauge liner
- · Durable Aramid cut resistant liner
- · Excellent durability and grip in wet and dry conditions
- · Ideal for the glass industry
- · Provides contact heat protection up to 250°C for 15 seconds





ANSI/











A646 VIS-TEX WINTER HR CUT GLOVE NITRILE

EN ISO 21420: 2020 DEXTERITY 3 EN 388: 2016 + A1: 2018 4X43D

EN 407: 2020 X2XXXX EN 511: 2006 X2X

ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

HPPE, Glass Fibre, Polyester, Acrylic, Elastic, Nitrile Sandy, Nitrile Orange/Black S/7-3XL/12

- · Level D cut resistance
- · Warm 7 gauge acrylic liner for extreme cold protection
- Specially designed for use in cold conditions
- · Flexible sandy nitrile coating offers great grip in wet and dry conditions
- · Double dipped coating for durability
- · Provides contact heat protection up to 250°C for 15 seconds









ANSI/ ISEA 105: 2016











A621 CUT 3/4 NITRILE FOAM GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43D EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

HPPE, Polyester, Glass Fibre, Elastic, Elastane, Nitrile ■■■■■ Black S/7-3XL/12

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · 3/4 dipped for increased protection
- · Superb abrasion and tear resistance
- · Protection against contact heat up to 100°C







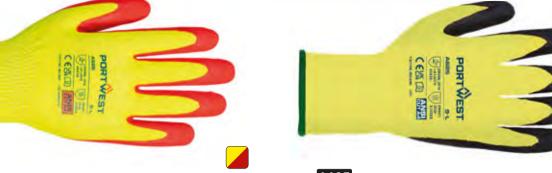












A626 VIS-TEX HR CUT GLOVE - NITRILE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43D EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4

ANSI/ISEA 105: 2016 ABRASION LEVEL 6

HPPE, Glass Fibre, Polyester, Elastic, Elastane, Nitrile Sandy Yellow/Red S/7-3XL/12

- · Level D cut resistance
- Seamless 13 gauge liner for increased wearer comfort
- · High visibility liner





ANSI/ ISEA 105: 2016

A625 VIS-TEX CUT RESISTANT GLOVE - PU

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43D EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

HPPE, Polyester, Steel Fibre, Elastic, Elastane, PU Orange/Black S/7-XXL/11, Yellow/Black S/7-XXL/11

- Level D cut resistance
- 13 gauge liner for a perfect fit
- Smooth PU coating for increased abrasion resistance





ANSI/ ISEA 105: 2016



A640 SABRE-DOT GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 3X4XD EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Glass Fibre, Polyester, Elastic, Elastane, PVC Grey S/7-XXL/11

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · PVC dotted palm for enhanced grip





ANSI/ ISEA 105: 2016



EN 388 旦 4X42D



ANSI/ ISEA 105: 2016



A630 RAZOR - LITE GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 4X42D EN 407: 2020 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 5

HPPE, Glass Fibre, Cow Split Leather, Elastic, Polyester, Elastane

Grey S/7-XXL/11

- · Level D cut resistance
- 13 gauge liner for a perfect fit
- · Provides contact heat protection up to 250°C for 15 seconds







A645 GREEN CUT GLOVE - NITRILE FOAM

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X44D ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Steel Fibre, Polyester, Elastane, Nitrile Foam Green/Black XS/6-XXL/11

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Machine washable
- · Protects against cuts and abrasion
- · Breathable seamless liner











EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 3X4XD EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Polyester, Glass Fibre, Elastic, Elastane Yellow S/7-XXL/11

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Protection against contact heat up to 100°C
- · High visibility liner
- · Breathable seamless liner
- · Ambidextrous suiting left and right handed users











ANSI/ ISEA 105: 2016



LINER GLOVES



A655 SABRE - LITE GLOVE

EN ISO 21420: 2020 DEXTERITY 2 EN 388: 2016 + A1: 2018 3X4XD ANSI/ISEA 105: 2016 CUT LEVEL A5

HPPE, Steel Fibre, Polyester, Elastic Blue S/7-XL/10

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Sold in singles
- · Machine washable at 60°C
- · Ambidextrous suiting left and right handed users
- · Low linting construction for minimal contamination











ANSI/ ISEA 105: 2016



SOLD IN SINGLES















A631 VIS-TEX CUT GLOVE LONG CUFF

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43D EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

HPPE, Steel Fibre, Elastic, Polyester, Elastane, PU
Orange/Black S/7-3XL/12

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Smooth PU coating for increased abrasion resistance
- · Extended cuff for wrist and forearm protection
- · High visibility liner
- · Tested for both cut and heat protection









ANSI/ ISEA 105: 2016



A632 GREEN CUT GLOVE LONG CUFF

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42D ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Steel Fibre, Elastic, Polyester,
Elastane, Nitrile Foam

Green/Black S/7-3XL/12

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- Nitrile foam coating for excellent grip in wet and dry conditions
- · Extended cuff for wrist and forearm protection
- · Machine washable
- · Protects against cuts and abrasion



















CT21 CT CUT C21 NITRILE GLOVE



EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X41C ANSI/ISEA 105: 2016 CUT LEVEL A3



DyUltra, Nylon, Elastic, Elastane, Nitrile Micro Foam Grey/Black XS/6-XXL/11

- · Level C cut resistance
- · 21 gauge liner for outstanding dexterity
- · Achieves the highest level of dexterity level 5
- · This glove can be used with most mobile touchscreen devices
- · Free from glass and steel fibres to reduce skin irritation
- · Retains cut performance level for up to 10 washes



ANSI/ ISEA 105: 2016







CT32 CT CUT C18 NITRILE GLOVE



EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X31C ANSI/ISEA 105: 2016 CUT LEVEL A3



DyUltra, Polyester, Elastic, Elastane, Nitrile Micro Foam Grey/Black XS/6-XXL/11

- · Level C cut resistance
- · 18 gauge liner for extra dexterity
- · Free from glass and steel fibres
- · Retains cut performance level for up to 10 washes
- · Reinforced thumb crotch for extra protection and durability
- · This glove can be used with most mobile touchscreen devices



ANSI/ 105: 2016











AP18 SG CUT C15 ECO NITRILE GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42C ANSI/ISEA 105: 2016 CUT LEVEL A3

Recycled PET Polyester, HPPE, Glass Fibre, Nylon, Elastic, Nitrile Micro Foam

Blue/Black XS/6-3XL/12

- · Level C cut resistance
- · Made using recycled plastic bottles
- · Contains 21% recycled material
- · Saves 227g CO2 per pair during production
- · Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- · Tested for paint wetting impairment substances (LABS Conformity)

















A622 CUT C13 PU GLOVE

HPPE, Elastic, Glass Fibre, Polyester, Elastane, PU
Grey XS/6-3XL/12

- · Level C cut resistance
- · 13 gauge liner for a perfect fit
- · Smooth PU coating for increased abrasion resistance
- · Palm dipped to increase dexterity and ventilation
- · Protection against contact heat up to 100°C
- · Medium risk cut protection







ANSI/ ISEA 105: 2016



VEND OPTION AVAILABLE VB622 553

AB622 CUT C13 PU ESSENTIAL MULTIPACK (PK12)
EN ISO 21420: 2020 DEXTERITY 5
EN 388: 2016 + A1: 2018 4X43C
EN 407: 2020 X1XXXX

HPPE, Elastic, Glass Fibre, Polyester, PU
Grey S/7-XXL/11

- · Sold in pack of 12 pairs for great value
- · Level C cut resistance
- · 13 gauge liner for a perfect fit
- · Smooth PU coating for increased abrasion resistance
- · Protection against contact heat up to 100°C
- · Palm dipped to increase dexterity and ventilation













EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42C ANSI/ISEA 105: 2016 CUT LEVEL A3 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

HPPE, Glass Fibre, Nylon, Elastic, Elastane, Nitrile Sandy

- · Level C cut resistance
- · 13 gauge liner for a perfect fit
- · Sandy finish for exceptional grip in water, grease or oil
- · Reinforced thumb crotch for extra protection and durability
- · OEKO-TEX® STANDARD 100 approved
- · Retail tag which aids presentation for retail sales



ANSI/ ISEA 105: 2016





NEW













AP15 SG CUT B18 ECO NITRILE GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X31B ANSI/ISEA 105: 2016 CUT LEVEL A2

Recycled PET Polyester, HPPE, Glass Fibre, Nylon, Elastic, Polyester, Nitrile Micro Foam Green/Black XS/6-3XL/12

- · Made using recycled plastic bottles
- · Contains 34% recycled material
- · Saves 227g CO2 per pair during production





ANSI/ ISEA 105: 2016





AP34 LR15 NITRILE FOAM TOUCHSCREEN GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X31B EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A2 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

Polyester, Glass Fibre, Elastic, Elastane, Nitrile Foam Black XS/6-XXL/11

- · Level B cut resistance
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Protection against contact heat up to 100°C







ISEA 105: 2016







AP32 DEXTI CUT PRO GLOVE EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 4X32B ANSI/ISEA 105: 2016 CUT LEVEL A2 ANSI/ISEA 105: 2016 ABRASION LEVEL 3 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 2

HPPE, Nylon, Elastic, Elastane, Nitrile, Nitrile Sandy Black/Grey S/7-XXL/11

- · Level B cut resistance
- · 18 gauge liner for extra dexterity
- · Reinforced thumb crotch for extra protection and durability



ANSI/ ISEA 105: 2016





A643 AMBER CUT GLOVE - NITRILE FOAM

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42B ANSI/ISEA 105: 2016 CUT LEVEL A2



HPPE, Polyester, Elastic, Elastane, Nitrile Foam Amber S/7-XXL/11

- Level B cut resistance
- · 13 gauge liner for a perfect fit
- · Machine washable















A620 LR CUT PU PALM GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X41B EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A2

HPPE, Polyester, Elastic, Elastane, PU
Grey XS/6-3XL/12

ANSI/ISEA 105: 2016 ABRASION LEVEL 5

- · Level B cut resistance
- · 13 gauge liner for a perfect fit
- Smooth PU coating for increased abrasion resistance







ANSI/ ISEA 105: 2016





A635 ECONOMY CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 4X42B

Polyester, Glass Fibre, Elastic, Elastane, PU ■ Black S/7-XXL/11, Grey S/7-XXL/11

- · Level B cut resistance
- · 13 gauge liner for a perfect fit
- · Low linting construction for minimal contamination







AP33 LR15 PU TOUCHSCREEN GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X31B EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A2 ANSI/ISEA 105: 2016 ABRASION LEVEL 3

Polyester, Glass Fibre, Elastic, Elastane, PU Black XS/6-XXL/11

- · Level B cut resistance
- · Protection against contact heat up to 100°C
- · Smooth PU coating for increased abrasion resistance



















AP31 SENTI CUT LITE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X42B ANSI/ISEA 105: 2016 CUT LEVEL A2

HPPE, Nylon, Glass Fibre, Elastic, Polyester, Elastane, PU Black/Grey S/7-XXL/11

SHARED FEATURES

- · Level B cut resistance
- · 18 gauge liner for extra dexterity
- · Excellent for jobs requiring high dexterity





CUT SLEEVES





EN ISO 21420: 2020

EN 388: 2016 + A1: 2018 3X4XF ANSI/ISEA 105: 2016 CUT LEVEL A8



DyUltra™, Polyester, Elastic Grey One Size

- · Level F cut resistance
- · Robust 7 gauge liner
- · 14 inch (35cm) cut resistant protective tubular sleeve
- · Free from glass and steel fibres
- · Retains cut performance level for up to 10 washes
- · Sold in singles





ANSI/ ISEA

















A689 14 INCH (35CM) CUT RESISTANT SLEEVE A690 18 INCH(45CM) CUT RESISTANT SLEEVE A691 22 INCH (56CM) CUT RESISTANT SLEEVE



EN 388: 2016 + A1: 2018 4X4XD EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4

HPPE, Glass Fibre, Polyester, Elastic, Elastane Grey One Size, Yellow One Size

- · Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Available in 3 lengths, 35cm, 45cm and 56cm









ANSI/ ISEA 105: 2016



SOLD IN SINGLES



















Acetal Copolymer, Zinc Alloy, Santaprene Black One Size, Red One Size







A002 METAL FREE GLOVE CLIP (PK40)



Acetyl, Santaprene Black One Size, Yellow One Size

ACO1 CHAINMAIL GLOVE

EN 1082-1 CE FOOD SAFE

Stainless Steel Silver S/7-XL/10

- Made from stainless steel chainmail for maximum protection
- · Ideal for meat processing
- · These gloves are ambidextrous and are suitable for left or right handed users for added functionality
- · Suited for food processing plants and resistant to greases, animal fats
- · Can be used in food industries (metal detectable)
- · Sold in singles









AC10 CHAINMAIL GAUNTLET 45CM

EN 1082-1 **CE FOOD SAFE**

Stainless Steel, PVC Silver S/7-XL/10

Made from stainless steel chainmail for maximum protection

- · Ideal for meat processing
- · These gloves are ambidextrous and are suitable for left or right handed users for added functionality
- · Suited for food processing plants and resistant to greases, animal fats and oils
- Can be used in food industries (metal detectable)
- · Sold in singles











EN ISO 13998:2003 LEVEL 2 **CE FOOD SAFE**

Stainless Steel, Heavy-Duty Polypropylene, Polyester Silver One Size 80cmx55cm

- · Ideal for meat processing
- · Made from stainless steel chainmail for maximum protection
- · Suited for food processing plants and resistant to greases, animal fats and oils
- Can be used in food industries (metal detectable)
- · Sold in singles
- · CE certified









AC05 GLOVE TENSIONER (PK50)

PVC
White One Size

- · Sold in packs of 50
- · Extremely flexible PVC











√ NEW

√ NEW

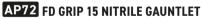
AP71 FD GRIP 15 NITRILE GLOVE EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 4131A EN 13130-1:2004

- · Approved for safe food handling
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Blue colour is food safety legislation compliant
- · Suited for food processing plants and resistant to greases, animal fats and oils
- · Low linting construction for minimal contamination
- · 15 gauge liner for extra dexterity







EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131A EN 407: 2020 X1XXXX EN 13130-1:2004

Nylon, Elastic, Nitrile Foam **■■■■ S/7-XXL/11**

- · Approved for safe food handling
- · Suited for food processing plants and resistant to greases, animal fats and oils
- · Blue colour is food safety legislation compliant
- · Water resistant
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · 15 gauge liner for extra dexterity



























AP74 FD CUT C13 NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4443C EN 407: 2020 X1XXXX EN 13130-1:2004

HPPE, Elastic, Nitrile Foam Blue S/7-XXL/11

- Level C cut resistance
- Approved for safe food handling
- Blue colour is food safety legislation compliant
- Suited for food processing plants and resistant to greases, animal fats















EN ISO 21420: 2020 EN ISO 374-1:2016 + A1:2018 AKLPT EN ISO 374-2 EN ISO 374-4:2016 EN 388: 2016 + A1: 2018 3131X EN 407: 2020 X2XXXX EN 13130-1:2004

Latex, Cotton **■■■■■** Blue S/7-XXL/11

- Chemical resistant gauntlet
- · Suited for food processing plants and resistant to greases, animal fats
- · Crinkle latex grip offers excellent grip
- · Provides contact heat protection up to 250°C for 15 seconds





















AP76 FD CHEMICAL B LATEX LIGHT GAUNTLET (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2010X EN ISO 374-1 KLMP EN ISO 374-4:2016 EN ISO 374-5:2016 VIRUS EN ISO 374-5:2016 MICRO ORGANISMS EN 13130-1:2004

Cotton **■ Blue S/7-XL/10**

- Approved for safe food handling
- Blue colour is food safety legislation compliant
- Suited for food processing plants and resistant to greases, animal fats and oils
- · 0.28mm thickness
- · Glove Length 30cm
- · Sold in pack of 12 pairs for great value

















IMPACT PROTECTION STAY PROTECTED WITH OUR CUTTING-**EDGE IMPACT** A745 **PROTECTION** GLOVES, **ENGINEERED TO** SAFEGUARD YOUR HANDS FROM **HEAVY IMPACTS** AND VIBRATIONS. 592







A755 VHR15 NITRILE FOAM IMPACT

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42FP EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A7 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

ANSI/ISEA 138: 2019 LEVEL 2

TPR, HPPE, Polyester, Steel Fibre, Elastic, Elastane, Nitrile Foam, Nitrile Black/Green S/7-XXL/11

- · Maximum impact protection using TPR pod technology
- · Level F cut resistance
- · Reinforced thumb crotch and padded palms
- · Wrist strap for secure fitting
- · Protection against contact heat up to 100°C
- · Nitrile foam coating for excellent grip in wet and dry conditions









































A745 IMPACT PRO CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 2 EN 388: 2016 + A1: 2018 3X42FP EN 407: 2020 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

PVC, Cow Grain Leather, HPPE, Steel Fibre, Cotton

Grey S/7-3XL/12

ANSI/ISEA 138: 2019 LEVEL 2

- · Maximum impact protection using TPR pod technology
- · Level F cut resistance
- · Highly durable and impact resistant
- · Premium leather with a reinforced palm for ultimate durability
- · Wrist strap for secure fitting
- Highly protective cut resistant liner for added security against cut hazards

250°C HEAT PROTECTION









ANSI/ ISEA 105: 2016



REINFORCED PALM



√ NEW

A742 IMPACT DRIVER GLOVE (UNLINED)

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2143XP EN 407: 2020 X12222

Cow Split Leather, TPR
White S/7-XXL/11

- · Highly durable and impact resistant
- For medium-energy impact protection
- · Classic leather driver
- Keystone thumb
- Protection against contact heat up to 100°C
- · Elasticated cuffs for a secure fit

















A727 DX VHR IMPACT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43EP

EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

ANSI/ISEA 138: 2019 LEVEL 2

HPPE, Elastane, Glass Fibre, Steel Fibre, Polyester, Elastic, Nitrile Sandy, TPR
Orange M-3XL

- · Innovative TPV material for supreme impact protection
- · Level E cut resistance
- · 13 gauge liner for a perfect fit
- · Flexible sandy nitrile coating offers great grip in wet and dry conditions
- · Designed with a comfort fit
- · High visibility liner











ANSI/ ISEA 105: 2016

A723 TPV IMPACT CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 4X43CP

HPPE, Nylon, Glass Fibre, Polyester, Elastane, Elastic, Nitrile Foam, TPV
Grey/Black M/8-XXL/11

- · Innovative TPV material for supreme impact protection
- · Level C cut resistance
- · 13 gauge liner for a perfect fit
- · Reinforced padded palms
- Flexible sandy nitrile coating offers great grip in wet and dry conditions
- · Breathable seamless liner



















AP55 WATERPROOF HR CUT IMPACT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X43DP EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A5

HPPE, Glass Fibre, TPR, Steel Fibre, Nylon, Elastic, Nitrile, Nitrile

Grey/Black S/7-XXL/11

- · Maximum impact protection using TPR pod technology
- · Level D cut resistance
- · 18 gauge liner for extra dexterity
- · Fully waterproof
- · This glove can be used with most mobile touchscreen devices
- · Reinforced thumb crotch for extra protection and durability





















EN ISO 21420: 2020 DEXTERITY 3 EN 388: 2016 + A1: 2018 4X43CP

EN 407: 2020 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

ANSI/ISEA 138: 2019 LEVEL 2

TPR, HPPE, Glass Fibre, Polyester, Nylon, Elastic, Nitrile Sandy, Nitrile

Grey/Black S/7-3XL/12

- · Maximum impact protection using TPR pod technology
- Level C cut resistance
- · 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Reinforced thumb crotch for extra protection and durability
- · Wrist strap for secure fitting











ANSI/ ISEA 105: 2016





A721 ANTI IMPACT GRIP GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4241XP ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 6 **ANSI/ISEA 138: 2019 LEVEL 2**

TPR, Polyester, Elastic, Elastane, Nitrile Yellow/Orange S/7-3XL/12

- · Maximum impact protection using TPR pod technology
- · 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Reinforced thumb crotch for extra protection and durability
- · Wrist strap for secure fitting
- · Double dipped coating for durability



















A715 GRIP 15 NITRILE IMPACT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131XP EN 16350:2014 PASS



Nylon, Elastic, Elastane, Carbon Fibre, TPR, Nitrile Foam Black S/7-XXL/11

- · For low-energy impact protection
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · This glove can be used with most mobile touchscreen devices
- · Suitable for use in ESD environments
- · Anti-static
- · 15 gauge liner for extra dexterity







A726 AQUA-SEAL PRO GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2132BP EN 511: 2006 X2X

Nylon, Elastic, Polyurethane, Polyester, TPR, Neoprene Orange/Blue L/9-XXL/11

- Maximum impact protection using TPR pod technology
- PVC dotted palm for enhanced grip
- · Waterproof keeping the wearer dry and protected from the elements
- · Specially designed for use in cold conditions
- · Prevents grease, oil and water penetration
- · Low risk cut protection



















EN 388: 2016 + A1: 2018 4X42CP EN 511: 2006 X2X ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

HPPE, Glass Fibre, TPR, Acrylic, Nylon, Elastic, Nitrile, Nitrile Foam Grey/Black S/7-3XL/12

- · Maximum impact protection using TPR pod technology
- · Specially designed for use in cold conditions
- · Level C cut resistance
- · 13 gauge liner for a perfect fit
- · Reinforced thumb crotch for extra protection and durability
- · Nitrile foam coating for excellent grip in wet and dry conditions















MECHANIC

EXPERIENCE SUPERIOR GRIP AND PROTECTION WITH OUR MECHANIC GLOVES, DESIGNED FOR OPTIMAL **DEXTERITY AND DURABILITY IN** AUTOMOTIVE AND INDUSTRIAL SETTINGS.



A772 PRO UTILITY GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2132X

Mylon, Elastic, Polyurethane Black S/7-XXL/11

- · Highly durable synthetic leather with elastane and neoprene
- High performance multi-purpose glove
- Reinforced panels in high wear areas for maximum durability
- This glove can be used with most mobile touchscreen devices
- · Wrist strap for secure fitting





SUPERIOR TOUGHNESS AND DURABILITY



EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2122X

Goatskin, Polyester, Elastic, Nylon, Polyurethane Black S/7-XXL/11

- · Leather palm greatly improves durability
- · Slim fit with stretch fabric
- · This glove can be used with most mobile touchscreen devices
- · Achieves the highest level of dexterity level 5
- · Reinforced thumb crotch for extra protection and durability
- · Retail tag which aids presentation for retail sales



NEW



















A774 DX4 LR CUT GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2X32B

Nylon, Polyurethane, Elastic, Polyester, Aramid
Black/Yellow S-XXL, Metro Blue S-XXL

- · Level B cut resistance
- · High performance multi-purpose glove
- · Reinforced thumb crotch for extra protection and durability



A770 PW3 GENERAL UTILITY GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2121X

Nylon, Polyester, Polyurethane, Elastic, Synthetic Leather, TPR Black/Yellow S/7-XXL/11

- · High performance multi-purpose glove
- Reinforced thumb crotch for extra protection and durability
- · This glove can be used with most mobile touchscreen devices











A771 PW3 TRADESMAN GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2X22B

Polyurethane, Nylon, Elastic, Polyester Black/Yellow S/7-XXL/11

- · High performance multi-purpose glove
- Reinforced padded palms
- · This glove can be used with most mobile touchscreen devices

EN 388 2X22B



A776 PW3 WINTER GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2X22A EN 511: 2006 12X

Goatskin, Nylon, Elastic, Polyester
Black/Yellow S/7-XXL/11

- · Leather palm greatly improves durability
- · This glove can be used with most mobile touchscreen devices

EN 511

· Thermal insulating textile lining



















A700 GENERAL UTILITY - HIGH PERFORMANCE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1111X

Synthetic Leather, Elastic, Rubber, Polyester Black M/8-XXL/11

- · High performance multi-purpose glove
- Reinforced stitching on the thumb for extra strength
- · Wrist support and protection



A710 TRADESMAN - HIGH PERFORMANCE GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 1111X

Synthetic Leather, Rubber, Elastic, Polyester Black M/8-XXL/11

- High performance multi-purpose glove
- Additional knuckle padding for extra protection
- Reinforcement stitching on palms and fingers







A720 HIGH PERFORMANCE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1111X

Synthetic Leather, Rubber, Elastic, Polyester, TPR
Navy M/8-XXL/11

- High performance multi-purpose glove
- Reinforced panels in high wear areas for maximum durability
- Additional knuckle padding for extra protection



A740 POWERTOOL PRO - HIGH PERFORMANCE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1111X ANSI/ISEA 105: 2016 CUT LEVEL A2

Synthetic Leather, Rubber, Elastic, Cotton, Polyester, TPR Black M/8-XL/10

- · High performance multi-purpose glove
- Thumb, middle and index finger tips left open for precision handling
- · Durable synthetic leather palm









PRO PROTECTION

EXPERIENCE SUPERIOR PROTECTION AND PERFORMANCE WITH OUR SPECIALIST GLOVES, ENGINEERED TO PROVIDE OPTIMAL FUNCTIONALITY AND COMFORT IN SPECIALISED INDUSTRIES AND HAZARDS.



Experience unparalleled protection against needles and sharp objects with our advanced glove.

The palm boasts an impressive level 5 puncture resistance, while the fingers provide level 3 protection. But that's not all - our glove achieves level 1 protection in the challenging fourchette area which is typically very difficult to protect. With its textured finish, it guarantees superior grip and dexterity in any conditions. Achieving the pinnacle of dexterity, level 5, this glove empowers you to tackle intricate tasks effortlessly. Outstanding cut protection level F.



A792 NEEDLE RESISTANT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3X24F ASTM F2878:2019 LEVEL 5 **ANSI/ISEA 105: 2016 PUNCTURE LEVEL 5**

Nylon, Mesh Wire, Polyurethane, Elastic,

Black/Yellow S/7-XXL/11

- · Level 5 puncture resistance against hypodermic needles
- · Increased puncture resistance properties
- · Reinforcement between the fingers to protect the vulnerable area of the hand
- · Textured finish provides enhanced fingertip grip and dexterity in both wet and dry conditions
- · Achieves the highest level of dexterity level 5
- · Level F cut resistance













ANSI/ ISEA 105: 2016



√ NEW





ANTI-VIBRATION GLOVE

Experience unparalleled safety and productivity with our cutting-edge antivibration glove, expertly designed to reduce the effect of harmful hand arm vibration.

Our innovation lies in the shockabsorbing palm material. engineered to deliver exceptional protection without adding bulk. This glove is perfectly suited for professionals who handle jackhammers or concrete breakers and attains an exceptional level of dexterity, reaching the highest rating of level 5.







A791 MECHANICS ANTI-VIBRATION

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2322B EN 10819:2016 +A1:2019 (TRM = 0.731 TRH =



Nylon, Polyurethane, Polyester, Elastic Black S/7-XXL/11

- · Specially designed to reduce the effects of vibration
- · For use with jack hammers, concrete breakers
- · Wrist strap for secure fitting
- · Achieves the highest level of dexterity level 5
- · Ideal in construction, joinery and masonry sectors
- · Retail tag which aids presentation for retail sales































A790 ANTI VIBRATION GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 4142X EN 10819:2016 +A1:2019 (TRM = 0.865 TRH = 0.598)

Polyester, Elastic, Rubber Chloroprene Black M/8-XXL/11

- Reduces vibration by 40%
- Specially designed to reduce the effects of vibration
- For use with jack hammers, concrete breakers
- Specially formulated rubber chloroprene
- Tough 10 gauge liner
- Breathable seamless liner















EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3123X EN 381-7 CLASS 0

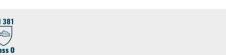
Buffalo Leather, Polyester, Elastic, Expanded Polypropylene (EPP), **UHMWPE**

Orange L/9,XL/10

- · Left hand only chainsaw protection
- For use in construction, landscaping, agriculture and forestry
- Knitted cuff for secure fit
- Designed for saw speeds up to 16m/s
- Premium leather with a reinforced palm for ultimate durability
- · Additional knuckle padding for extra protection









DESIGNED FOR USE WITH CHAINSAWS



A780 ARC GRIP GLOVE

EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 4X42D EN 407: 2020 X1XXXX **ASTM F2675-13 CLASS 2**

ANSI/ISEA 105: 2016 CUT LEVEL A5 ANSI/ISEA 105: 2016 ABRASION LEVEL 6

Aramid, Glass Fibre, Neoprene, Modacrylic Green/Black M/8-XXL/11

- · ARC Grip glove provides a high level of protection against ARC flash burns and cuts
- Level D cut resistance
- · 13 gauge liner for a perfect fit
- · Flame-resistant neoprene coated palm allows for excellent grip
- · FR aramid thread for extra durability and protection





















A882 ESD PVC CHEMICAL GAUNTLET



EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X

EN 407: 2020 X1XXXX



EN ISO 374-1:2016 + A1:2018 TYPE B AKL EN ISO 374-5:2016 MICRO ORGANISMS EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -



IEC 61340-5-1:2016



Cotton, Steel Fibre, PVC, PVC Sandy
Black S/7-XXL/11

- · Suitable for use in ESD environments
- Double dipped PVC gauntlet with sandy palm finish for enhanced grip
- · Flock lined for added comfort
- · Phthalate Free
- · 1.5mm thickness
- · 300mm length



















ESD CHEMICAL AQUA





Our collection of ESD gloves are designed to protect sensitive electronics from electrostatic discharge (ESD) while ensuring maximum comfort and dexterity for the user. Our gloves are made with advanced materials and manufacturing processes to provide exceptional conductivity and static dissipation, keeping electronic components safe from damage and malfunction. With a range of styles and sizes available, our ESD gloves are the perfect choice for anyone working with delicate electronic equipment.











A698 MR13 ESD PU FINGERTIP GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1X4XC EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016

Polyester, Steel Fibre, Carbon Fibre, Elastane, PU

Grey/White XS/6-XXL/11

Precision ESD protection with cut level ${\tt C}$



A197 ANTISTATIC SHELL GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 113XX EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016

Polyester, Carbon Fibre, Elastic
Grey XS/6-XL/10

ESD protection liner glove



A696 LR13 ESD PU FINGERTIP CUT GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2X4XB EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016

Polyester, Glass Fibre, Carbon Fibre, Elastane, PU

Grey/White XS/6-XXL/11

Precision ESD protection with cut level B





A198 ANTISTATIC PU FINGERTIP GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 114XX EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016 ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Carbon Fibre, Elastic, PU
Grey XXS/5-XXL/11

Precision ESD protection with dipped fingertips



A699 MR13 ESD PU PALM GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42C EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016

Polyester, Steel Fibre, Carbon Fibre, Elastane, PU
Grey/White XS/6-XXL/11

ESD protection with cut level C



A697 LR13 ESD PU PALM GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4X42B EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016

Polyester, Glass Fibre, Carbon Fibre,
Elastane, PU

Grey/White XS/6-XXL/11

ESD protection with cut level B





A199 ANTISTATIC PU PALM GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1:2016 ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Carbon Fibre, Elastic, PU
Grey XXS/5-XXL/11

Grip performance with ESD protection













A146 ARCTIC WINTER GLOVE

EN ISO 21420: 2020 DEXTERITY 3 EN 388: 2016 + A1: 2018 4242X EN 407: 2020 X2XXXX EN 511: 2006 X2X ANSI/ISEA 105: 2016 CUT LEVEL A2

Polyester, Acrylic, Elastic, Nitrile Sandy

- Specially designed for use in cold conditions
- · Twin liner traps in heat through increased insulation
- · Provides contact heat protection up to 250°C for 15 seconds
- Flexible sandy nitrile coating offers great grip in wet and dry conditions
- · 3/4 dipped for increased protection









ANSI/ ISEA 105: 2016



APO1 THERMO PRO GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2132X

EN 511: 2006 X2X

ANSI/ISEA 105: 2016 CUT LEVEL A3 ANSI/ISEA 105: 2016 ABRASION LEVEL 3 ANSI/ISEA 105: 2016 PUNCTURE LEVEL 3

Brushed Acrylic, Polyester, Elastic, Latex, Latex Foam Blue/Black S/7-3XL/12

- Fully coated for maximum liquid protection
- Specially designed for use in cold conditions
- 13 gauge liner for a perfect fit
- Latex foam coating for excellent grip in wet and dry conditions
- · Superb abrasion and tear resistance







ANSI/ ISEA 105: 2016



A145 COLD GRIP GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2231X EN 511: 2006 X2X

ANSI/ISEA 105: 2016 CUT LEVEL A2

Polyester, Acrylic, Elastic, Latex Orange/Blue M/8-XXL/11, Yellow/Blue M/8-XXL/11

- Specially designed for use in cold conditions
- Warm 7 gauge acrylic liner for extreme cold protection
- Crinkle latex grip offers excellent grip
- · Palm dipped to increase dexterity and ventilation
- Fully dipped thumb for increased coverage
- Breathable seamless liner





X2X













A140 THERMAL GRIP GLOVE - LATEX

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 1141X EN 511: 2006 X1X ANSI/ISEA 105: 2016 CUT LEVEL A1

Acrylic, Elastic, Polyester, Latex
Black XS/6-XXL/11, Orange/Black M/8-XXL/11

- · Specially designed for use in cold conditions
- Palm dipped to increase dexterity and ventilation
- Crinkle latex grip offers excellent grip





ISEA 105: 2016





A143 THERMAL SOFT GRIP GLOVE EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 2142X EN 511: 2006 X1X

Acrylic, Elastic, Polyester, Foam Latex Yellow/Black M/8-XL/10

- Specially designed for use in cold conditions
- · Warm 10 gauge acrylic liner for cold protection
- · Latex foam coating for excellent grip in wet and dry conditions











A185 DUO-THERM GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1131X EN 511: 2006 X1X

Polyester, Elastic, Latex
Orange/Blue M/8-XXL/11, Yellow/Blue M/8-XXL/11

- Specially designed for use in cold conditions
- Double dipping for maximum liquid repellency
- · Crinkle latex grip offers excellent grip





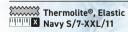






A115 THERMAL LINER

EN ISO 21420: 2020 DEXTERITY 4



- Provides insulation and thermal protection
- · Ambidextrous suiting left and right handed users
- Breathable seamless liner









Engineered to meet the strict requirements of the European Standard EN 511, our cold protection gloves offer maximum warmth and protection against conductive cold temperatures to as low as -50 degrees Celsius. With advanced insulation and durable materials, these gloves are the perfect choice for anyone working in extreme cold environments.







A280 WINTERSHIELD GLOVE

EN ISO 21420: 2020 DEXTERITY 2 EN 388: 2016 + A1: 2018 2211X EN 511: 2006 22X

Synthetic Leather, Polyester, Elastic Black/Orange M/8-XL/10

Mechanics style winter glove



A450 WEATHERPROOF HI-VIS GLOVE

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 3121X EN 511: 2006 11X

Cotton, Polyurethane, PVC Orange XL/10

Waterproof winter glove



A751 APACHA COLD STORE GLOVE

EN ISO 21420: 2020 D EN 388: 2016 + A1: 2018 3544X EN 511: 2006 33X

Cow Grain Leather, Elastic, Nylon, Polvester, PVC Black L/9-XXL/11

Ideal for cold stores





A225 FLEECE LINED RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 3 EN 388: 2016 + A1: 2018 4222X EN 511: 2006 11X

Cow Split Leather, Polyester, Cotton, Rubber, Elastic Red XL/10

Tough and durable winter glove





A271 LINED DRIVER GLOVE

EN ISO 21420: 2020 DEXTERITY 2 EN 388: 2016 + A1: 2018 3142X EN 511: 2006 22X ANSI/ISEA 105: 2016 CUT LEVEL A2

Full-Grain Leather, Polyester, Elastic Tan L/9,XL/10

Full leather winter glove











AP12 SG GRIP15 ECO NITRILE GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131A EN 407: 2020 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A1

Recycled PET Polyester, Nylon, Elastic, Nitrile Micro Foam

Grey/Black XS/6-3XL/12

- · Made using recycled plastic bottles
- · Contains 40% recycled material
- · Saves 227g CO2 per pair during production
- · Anti-microbial finish Texpel Micro, kills 99.9% of
- Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- Tested for paint wetting impairment substances (LABS - Conformity)

















AP10 NPR15 FOAM NITRILE BAMBOO **GLOVE (PK12)**

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X

Bamboo, Nylon, Elastic, Polyester, Nitrile

Foam

Black XS/6-XXL/11

- · Made using a sustainable bamboo liner
- Nitrile foam coating for excellent grip in wet and dry conditions
- Excellent durability and grip in wet and dry conditions
- · 100% latex free
- · 15 gauge liner for extra dexterity
- · Retail tag which aids presentation for retail sales















AP35 GRIP 15 NITRILE DOUBLE PALM GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X EN 407: 2020 X1XXXX

Nylon, Elastic, Elastane, Nitrile, Nitrile Sandy

- · Double dipped coating for durability
- · 15 gauge liner for extra dexterity
- · Suitable for any work area where oil and grease resistance is a priority
- · Protection against contact heat up to 100°C
- · Designed with a comfort fit
- · Ergonomic design to reduce hand fatigue













AP36 GRIP 15 NITRILE GAUNTLET

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X EN 407: 2020 X1XXXX

EN ISO 374-1:2016 + A1:2018 AKL **EN ISO 374-5:2016 MICRO ORGANISMS**

Mylon, Elastic, Nitrile, Nitrile Sandy □□□□□■ Orange/Black S/7-XXL/11

- · Double dipping for maximum liquid repellency
- · Chemical resistant gauntlet
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Suitable for any work area where oil and grease resistance is a priority
- Protection against contact heat up to 100°C
- · 15 gauge liner

















AP30 DERMI PRO GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 5

Polyester, Elastic, Nitrile, Nitrile Foam Orange/Black XS/6-XXL/11

- · Fully coated for maximum liquid protection
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Superb abrasion and tear resistance
- · 13 gauge liner for a perfect fit
- · Lightweight and comfortable
- · Elasticated cuffs for a secure fit









Mylon, Elastic, Latex, Latex Foam ■ Blue S/7-XXL/11

- · Liquid Pro offers maximum liquid protection
- · Latex foam coating for excellent grip in wet and dry conditions
- · Dual latex coating for additional protection in tough conditions





APB80 LIQUID PRO ESSENTIAL MULTIPACK (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3131X

Polyester, Elastic, Latex Foam, Latex ■ Blue S/7-XXL/11

- Sold in pack of 12 pairs for great value
- Latex foam coating for excellent grip in wet and dry conditions
- · Dual latex coating for additional protection in tough conditions





ANSI/ ISEA 105: 2016









EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4242X EN 511: 2006 X2X

ANSI/ISEA 105: 2016 CUT LEVEL A2 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

Polyester, Elastic, Acrylic, Nitrile Sandy Orange/Black S/7-XXL/11

- Water repellent nano coating for light splash applications
- Twin liner traps in heat through increased insulation
- Sandy finish for exceptional grip in water, grease or oil





ANSI/ ISEA 105: 2016





AP62 DERMIFLEX AQUA GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

Nylon, Elastic, Elastane, Nitrile Sandy Grey/Black S/7-XXL/11

- · Water repellent nano coating for light splash applications
- · Flexible sandy nitrile coating offers great grip in wet and dry conditions
- · 15 gauge liner for extra dexterity









A355 NPR15 NITRILE FOAM TOUCHSCREEN GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 3

Recycled Polyester, Elastic, Nitrile Foam Black XS/6-XXL/11

- · Made using recycled polyester
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Reinforced thumb crotch for extra protection and durability
- · Designed specifically for touchscreen devices
- · Excellent for jobs requiring high dexterity
- · Sold in pack of 12 pairs for great value





ANSI/ ISEA















A313 GRIP 15 NITRILE CRINKLE GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X

EN 407: 2020 X1XXXX

Polyester, Elastic, Nitrile Crinkle Grey/Green S/7-XXL/11

- · Excellent durability and grip in wet and dry conditions
- · Unique nitrile crinkle coating
- · Seamless 13 gauge liner
- · Protection against contact heat up to 100°C
- · Textured palm
- · Sold in pack of 12 pairs for great value



















AP65 NPR PRO NITRILE FOAM

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131A ANSI/ISEA 105: 2016 CUT LEVEL A1

Nylon, Latex Free Elastane, Nitrile Foam Black/Grey XS/6-XXL/11

- · Nitrile foam coating for excellent grip in wet and dry conditions
- Anti-microbial finish helps keep your gloves fresh and dry
- · 15 gauge liner for extra dexterity
- · 100% latex free
- · Achieves the highest level of dexterity level 5
- · Breathable seamless lining ideal for precision handling in dry environments













Our 15 gauge grip gloves are engineered for optimal grip and dexterity, even in the toughest conditions. The nitrile sandy coating offers a reliable hold in both wet and oily environments, while the 15-gauge nylon elastane liner provides unbeatable comfort and flexibility for unrestricted hand movement and superior tactile sensitivity. With these grip gloves, workers can have peace of mind that their hands are protected while maintaining their ability to perform precise tasks with ease.









A351 DERMIFLEX PLUS GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 3

Mylon, Elastane, Elastic, Polyester, Nitrile Sandy

Grey/Black S/7-3XL/12

Nitrile dots provide extra grip and durability



A352 DERMIFLEX ULTRA GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

Nylon, Elastane, Elastic, Polyester, Nitrile Sandv

Grey/Black S/7-XXL/11

3/4 coating for improved liquid resistance



AB351 DERMIFLEX PLUS ESSENTIAL **MULTIPACK (PK12)**

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X

Nylon, Elastane, Elastic, Polyester, Nitrile Foam, Nitrile

Grey/Black S/7-XXL/11

Streamlined A351 in a multi-pack lower price option



A353 DERMIFLEX ULTRA PLUS GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 3

Nylon, Elastane, Elastic, Polyester, Nitrile Sandy

Grey/Black S/7-XXL/11

3/4 coated with nitrile dots for grip and durability



A350 DERMIFLEX GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 4

Nylon, Elastane, Elastic, Polyester, Nitrile Sandy

Black XS/6-3XL/12

Tough sandy nitrile palm coating





AB350 DERMIFLEX ESSENTIAL **MULTIPACK (PK12)**

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X

Mylon, Elastane, Elastic, Polyester, Nitrile Sandy

Grey/Black S/7-XXL/11

Streamlined A350 in a multi-pack lower price option



A354 DERMIFLEX ULTRA PRO GLOVE -**NITRILE SANDY**

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1

Nylon, Elastane, Elastic, Polyester, Nitrile Sandy

Black S/7-XXL/11

Fully coated for improved liquid resistance





VEND OPTION AVAILABLE



A311 GRIP 13 NITRILE 3 FINGERLESS GLOVE (PK12)

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 3121X

Polyester, Elastic, Nitrile White/Grey XS/6-XXL/11

- · Thumb, middle and index finger tips left open for precision handling
- · Ideal for tradesmen, plumbers or tilers
- · Perfect for intricate tasks

3121X





A310 FLEXO GRIP NITRILE GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Nitrile Grey/White XS/6-XXL/11, Red/Black S/7-XXL/11

- · Palm dipped to increase dexterity and ventilation
- · Ideal for auto repair, construction and other sectors
- · 13 gauge liner for a perfect fit



ANSI/ ISEA 105: 2016



A315 ALL-FLEX GRIP GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X

- Fully coated for maximum liquid protection
- 13 gauge liner for a perfect fit
- Oil and water resistant



A319 FLEXO GRIP NITRILE GLOVE (RETAIL PACK)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2121X ANSI/ISEA 105: 2011 CUT LEVEL A1

Polyester, Elastic, Nitrile Grey/White M/8-XXL/11

- · Ideal for auto repair, construction and other sectors
- Seamless 13 gauge liner
- · Palm dipped to increase dexterity and ventilation













A312 GRIP 13 NITRILE DIAMOND KNIT GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X EN 407: 2020 X1XXXX

Polyester, Elastic, Nitrile Foam
Grey/Black S/7-XXL/11

- · Breathable mesh fabric
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Suitable for any work area where oil and grease resistance is a priority
- · Ergonomic design to reduce hand fatigue
- · Protection against contact heat up to 100°C
- · Sold in pack of 12 pairs for great value

















A320 DEXTI-GRIP GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Nitrile
Black S/7-XXL/11, Blue S/7-XXL/11

- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Palm dipped to increase dexterity and ventilation
- · 13 gauge liner for a perfect fit
- · Breathable seamless liner
- · Perfect for intricate tasks
- · Superb abrasion and tear resistance





ANSI/ ISEA 105: 2016



A335 DERMI-GRIP NPR15 NITRILE SANDY GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Nitrile Sandy
Black XS/6-XXL/11, Orange/Black XS/6-XXL/11

- · Perfect for intricate tasks
- · Palm dipped to increase dexterity and ventilation
- · Nitrile sandy coating
- · 15 gauge liner for extra dexterity
- · Breathable seamless liner
- · Lightweight and comfortable



















A124 GRIP 13 PU DIAMOND KNIT GLOVE (PK12) EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 4131X EN 407: 2020 X1XXXX

Polyester, Elastic, PU Grey/Black XS/6 - XXL/11

- · Breathable mesh fabric
- · Smooth PU coating for increased abrasion resistance
- · Perfect for intricate tasks
- · Perfect for warehouse order picking
- · Protection against contact heat up to 100°C
- · Ergonomic design to reduce hand fatigue

















A360 SENTI - FLEX GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X



Nylon, Elastic, Polyester, PU

Blue/Black XS/6-XXL/11

- · Smooth PU coating for increased abrasion resistance
- 18 gauge liner for extra dexterity
- · Low linting construction for minimal contamination
- Breathable seamless liner
- · Elasticated cuffs for a secure fit
- · Lightweight and comfortable













Experience superior grip and dexterity in any work environment with our grip gloves, all modelled after our best selling A120 glove. With a 13-gauge polyester liner and a dexterity rating of 5, these gloves provide unparalleled grip and control. The polyurethane coating provides excellent abrasion resistance and grip, making them ideal for tasks that require a high level of dexterity. The 13-gauge polyester liner offers excellent breathability and flexibility, ensuring all-day comfort and reduced hand fatique.





VEND OPTION AVAILABLE





A120 PU PALM GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1



Polyester, Elastic, PU White XXS/5-3XL/12

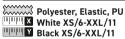
Black XXS/5-3XL/12, Grey XS/6-XXL/11 Blue XS/6-XXL/11, Grey/Black XS/6-XXL/11, Orange/Black XS/6-XXL/11, Yellow XS/6-XXL/11

Best selling glove now food approved



AB129 PU PALM GLOVE (288 PAIRS)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1



Best selling PU palm glove in a full carton for great



A641 RED - PU GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2X21X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, PU

Red/Black M/8-XXL/11

Red liner



A195 TOUCHSCREEN - PU

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Polyurethane Black XS/6-XXL/11, Purple/Black XS/6-XXL/11

Touchscreen compatible for complete tactile control



A128 PU PALM GLOVE LATEX FREE (RETAIL PACK)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 - 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1



Polvester, Latex Free Elastane, Elastic, PU Black XXS/5-XXL/11

· Latex free 1 pair in a retail pack



A123 PU PALM GLOVE LATEX FREE -**FULL CARTON (144 PAIRS)**

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Latex Free Elastane, PU Black XXS/5-XXL/11

· Latex free 144 pairs in a carton



Polyester, Elastic, PU
White XXS/5-XL/10 Grey XS/6-XL/10

Precision handling for intricate tasks



Experience unparalleled hand protection in challenging work environments with our high-performing grip gloves. With a durable latex coating, they offer superior grip, enhanced productivity, and excellent abrasion resistance in wet and dry conditions. Made with quality materials, these gloves provide comfort, flexibility, and maximum dexterity for prolonged wear. Perfect for construction, manufacturing, and any industry that requires a sturdy grip.







A174 FLEX GRIP LATEX GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 - 2121X



Great combination of high grip and excellent dexterity





A100 GRIP GLOVE - LATEX

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2143A ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Latex Black M/8-XXL/11, Green M/8-XXL/11, Grey/Blue S/7-XXL/11, Orange S/7-XXL/11, Red/Black M/8-XXL/11

Essential construction glove





A109 GRIP GLOVE (RETAIL PACK)

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2143A ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, Latex Orange M/8-XL/10

1 pair in a retail pack





A105 GRIP XTRA GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3143X



Polyester, Elastic, Latex
Yellow/Orange L/9-XXL/11

Enhanced liquid protection





A150 CLASSIC GRIP GLOVE - LATEX

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1



Recycled Polyester, Cotton, Elastic, Latex Black M/8-XXL/11, Green M/8-XXL/11, Orange S/7-XXL/11

Made from recycled polyester





A135 TOUGH GRIP GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3131X



Polycotton, Elastic, Latex Yellow/Orange L/9-XXL/11

Fully coated









A106 GRIP 10 LATEX REINFORCED THUMB GLOVE (PK12)

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2142X EN 407: 2020 X1XXXX

Polyester, Cotton, Elastic, Latex Grey/Black S/7-XXL/11

- Reinforced thumb crotch for extra protection and durability
- · Crinkle latex coating offers excellent grip
- · The essential construction glove
- · Excellent durability and grip in wet and dry conditions
- · Protection against contact heat up to 100°C
- · Sold in pack of 12 pairs for great value

















A175 DUO-FLEX GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2021X

Polyester, Elastic, Latex Red/Blue M/8-XL/10

- Dual latex coating for additional protection in tough conditions
- Breathable seamless liner
- · Seamless 13 gauge liner
- · Low linting construction for minimal contamination
- · Lightweight and comfortable
- · Elasticated cuffs for a secure fit











EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 3

Polyester, Elastic, Latex Orange/Black S/7-XXL/11, Yellow XXXS/4 - XXL/11

- · Latex foam coating for excellent grip in wet and dry conditions
- · High visibility liner
- · 13 gauge liner for a perfect fit
- · Breathable seamless liner
- · Palm dipped to increase dexterity and ventilation
- · Offers the highest level of comfort

















A330 NITRILE LIGHT KNITWRIST

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X ANSI/ISEA 105: 2016 CUT LEVEL A1

Cotton, Nitrile

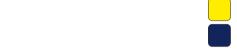
Navy S/7-XXL/11, Yellow S/7-XXL/11

- Smooth heavy Nitrile coating
- 3/4 dipped for increased protection
- Jersey cotton lining with knitwrist
- · 12 gauge liner for dexterity
- · Excellent for jobs requiring high dexterity
- · Lightweight and comfortable





ANSI/ ISEA 105: 2016





A300 NITRILE KNITWRIST

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4111X ANSI/ISEA 105: 2016 CUT LEVEL A1



Cotton, Polyester, Jersey Lining, Nitrile **■■■■■** Navy M/8-XXL/11

- Smooth heavy Nitrile coating
- 12 gauge liner for dexterity
- Fully coated for maximum liquid protection
- Jersey cotton lining with knitwrist
- Suitable for any work area where oil and grease resistance is a priority
- · Maximum EN level 4 abrasion







ANSI/ ISEA 105: 2016



EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4111X



Cotton, Polyester, Jersey Lining, Nitrile **■ Navy M/8-XXL/11**

- Smooth heavy Nitrile coating
- Fully coated for maximum liquid protection
- Maximum EN level 4 abrasion
- Achieves the highest level of dexterity level 5
- · Canvas safety cuff for added protection
- · Incredibly durable and hardwearing

















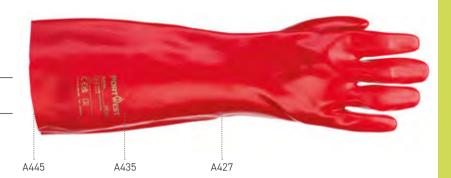


A427 GRIP 12 PVC GAUNTLET 27CM A435 GRIP 12 PVC GAUNTLET 35CM A445 GRIP 12 PVC GAUNTLET 45CM

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X

Polyester, PVC Red XL/10

- · Available in 3 lengths, 27cm, 35cm and 45cm
- · 12 gauge liner for dexterity
- · Phthalate Free
- · Superb abrasion and tear resistance
- · Fully coated for maximum liquid protection
- · Maximum EN level 4 abrasion







EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X ANSI/ISEA 105: 2016 CUT LEVEL A1

Cotton, Polyester, PVC
Black M/8-XXL/11, Red M/8-XXL/11

- · Fully coated for maximum liquid protection
- Phthalate Free
- · Extremely flexible PVC
- · Superb abrasion and tear resistance
- · Knitted cuff for comfort and warmth
- · ANSI cut level A1















A118 GRIP 13 PVC DOTTED TOUCHSCREEN GLOVE (PK12) EN ISO 21420: 2020 DEXTERITY 5

EN 388: 2016 + A1: 2018 314XX EN 407: 2020 X1XXXX

Polyester, Steel Fibre, Acrylic, Elastic, PVC White/Grey XS/6-XXL/11

- · This glove can be used with most mobile touchscreen devices
- · Perfect for warehouse order picking
- · PVC dotted palm for enhanced grip
- · Protection against contact heat up to 100°C
- · Seamless 13 gauge liner
- · Sold in pack of 12 pairs for great value

















A110 POLKA DOT GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 214XX ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Elastic, PVC
White/Blue XS/6-XXL/11 Black XXS/5-XL/10

- · PVC dotted palm for enhanced grip
- Seamless 13 gauge liner
- Breathable seamless liner
- Excellent for jobs requiring high dexterity
- Performs well in dry conditions
- · ANSI cut level A1



ANSI/ 105: 2016









A590 HEAT RESISTANT 250°C GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 1341X EN 407: 2020 4231XX

Viscose, Cotton, Elastic
White L/9,XXL/11

- · Provides contact heat protection up to 250°C for 15 seconds
- Robust 7 gauge liner
- · Long cuff version
- · These gloves are ambidextrous and are suitable for left or right handed users for added functionality
- · Glove Length 30cm
- · Sold in singles







AMBIDEXTROUS GLOVE LENGTH 30CM



SOLD IN SINGLES









DOTTED GRIP ON BOTH SIDES





A113 POLKA DOT PLUS GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1142X



Polyester, Elastic, PVC White/Blue S/7-XL/10

- · PVC dotted palm for enhanced grip
- · Ambidextrous suiting left and right handed users
- · Seamless 13 gauge liner





A111 CLASSIC POLKA DOT GLOVE

Polyester, Cotton, Elastic, PVC
White/Blue XS/6-XXL/11

- · PVC dotted palm for enhanced grip
- · Robust 7 gauge liner
- · Breathable seamless liner















A080 MICRODOT GLOVE CE CAT 1

Cotton, PVC, Polyester, Elastic White M/8-XL/10

- · 24 gauge liner for extra dexterity
- · Excellent for jobs requiring high dexterity
- · PVC dotted palm for enhanced grip





A130 CRISS CROSS GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 1141X

Polyester, Cotton, Elastic, PVC
Orange M/8-XL/10

- · Textured pattern for enhanced grip
- · Extremely flexible PVC
- · Robust 7 gauge liner









LEATHER

EXPERIENCE SUPERIOR GRIP, FLEXIBILITY, AND DURABILITY WITH **OUR LEATHER GLOVES, CRAFTED** FROM GENUINE LEATHER AND BUILT TO LAST.



A230 DOUBLE PALM RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 4122X EN 407: 2020 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A3

Cow Split Leather, Cotton, Polyester, Rubber, Elastic Grey XL/10,3XL/12

- · For use in construction, landscaping, agriculture and forestry
- Superior double palm rigger
- · Additional reinforced protection on palm and forefinger areas
- · Cotton backing for breathability
- Knuckle back protection
- · Superb abrasion and tear resistance









ANSI/ ISEA 105: 2016



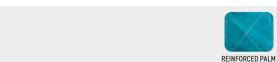


A229 CLASSIC DOUBLE PALM RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 4343X

Cow Split Leather, Cotton, Polyester, Rubber Green XL/10

- Great value split leather rigger
- Additional reinforced protection on palm and forefinger areas
- · Knuckle back protection
- · For use in construction, landscaping, agriculture and forestry
- · Cotton backing for breathability









LEATHER





A220 PREMIUM CHROME RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 2222X ANSI/ISEA 105: 2016 CUT LEVEL A2

Cow Split Leather, Polyester, Rubber, Elastic, Cotton Green XL/10,3XL/12, Red M/8 - 3XL/12

- · Premium quality split leather rigger
- · For use in construction, mining and landscaping
- · Knuckle back protection



A219 CLASSIC CHROME RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 3122X

Cow Split Leather, Cotton, Polyester
Yellow/Red XL/10

- Knuckle back protection
- Very competitive price
- Cotton backing for breathability



ANSI/ ISEA 105: 2016





A210 CANADIAN RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 4111X ANSI/ISEA 105: 2016 CUT LEVEL A2

Cow Split Leather, Cotton, Rubber, Elastic, Polyester
Grey XL/10,3XL/12

- Cow split leather rigger
- · Knuckle back protection
- · Patch palm and vein protection



A209 CLASSIC CANADIAN RIGGER GLOVE

EN ISO 21420: 2020 DEXTERITY 4 EN 388: 2016 + A1: 2018 2131X

Cow Split Leather, Cotton, Polyester

- · For use in construction, landscaping, agriculture and forestry
- · Great value split leather rigger
- · Patch palm and vein protection







EATHER





A200 FURNITURE HIDE GLOVE EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2143X

Polyester, Cotton, Full-Grain Cow Leather
Yellow XL/10

- · For use in construction, landscaping, agriculture and forestry
- · Leather palm greatly improves durability
- · Rubberised safety cuffs



A260 OVES DRIVER GLOVE

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 2132X ANSI/ISEA 105: 2016 ABRASION LEVEL 5

Full-Grain Leather, Elastic ☐☐☐☐ Grey M/8-XXL/11

- · Breathable leather for use in mild and hot climates
- · Elasticated cuffs for a secure fit
- · Classic leather driver





ANSI/ ISEA 105: 2016





A270 CLASSIC DRIVER GLOVE EN ISO 21420: 2020 DEXTERITY 4

EN 388: 2016 + A1: 2018 3142X ANSI/ISEA 105: 2016 ABRASION LEVEL 2

Full-Grain Leather, Elastic Tan L/9,XL/10

- · Classic leather driver
- · Keystone thumb
- · Superb abrasion and tear resistance



ANSI/ ISEA 105: 2016





A250 TERGSUS GLOVE

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 3142X

Goatskin, Cotton, Polyester, Elastic
Orange S/7, Blue M/8, Yellow L/9, Red XL/10, Black XXL/11

- · Made from high quality durable goat leather
- · Cotton backing for breathability
- · Hook and loop strap for safe and secure fit





AB030





AB020 ASSEMBLY GLOVE (360 PAIRS) EN ISO 21420: 2020

Polyester, Elastic
White S/7-XL/10

- Seamless 13 gauge liner
- Perfect for intricate tasks
- · Lightweight and comfortable
- · Low linting construction for minimal contamination
- · Breathable seamless liner
- · This product is sold in carton qty's







ABO30 STRING KNIT LINER GLOVE (288 PAIRS) EN ISO 21420: 2020

Polyester, Cotton, Elastic White M/8-XL/10

- Robust 7 gauge liner
- Ambidextrous suiting left and right handed users
- · Breathable seamless liner
- Sold in a carton of 288 pairsLightweight and comfortable
- A030 in a resized smaller carton for easier handling







A050 STOCKINETTE KNITWRIST GLOVE (600 PAIRS) EN ISO 21420: 2020

Polyester, Cotton Beige XL/10

- · 18 gauge liner for extra dexterity
- · Lightweight and comfortable
- Breathable seamless liner
- · Low linting construction for minimal contamination
- · Performs well in dry conditions
- · Sold in cartons of 600 pairs









WELD **PROTECTION**

STAY PROTECTED FROM HEAT, SPARKS, AND FLAMES WITH OUR WELDING GLOVES. ENGINEERED TO WITHSTAND THE TOUGHEST CONDITIONS AND PROVIDE LONG-LASTING DURABILITY.





A500



A540 MIG WELDING GAUNTLET

EN ISO 21420: 2020 DEXTERITY 2 EN 388: 2016 + A1: 2018 4243X EN 12477: 2001 TYPE A EN 407: 2020 412X4X ANSI/ISEA 105: 2016 CUT LEVEL A2

Cow Split Leather, Cow Grain Leather, Cotton, Polyester

Brown L/9-XXL/11

- · EN12477 Type A welding protection
- · Premium quality leather welding gauntlet
- · Reinforced palm and thumb area
- · Reinforced Aramid stitching for maximum durability and burn protection
- · Fleece lining for added warmth and comfort
- · Reinforcement stitching on palms and fingers













REINFORCED PALM





EN ISO 21420: 2020 DEXTERITY 2 EN 388: 2016 + A1: 2018 3243X EN 12477: 2001 TYPE A EN 407: 2020 422X31 ANSI/ISEA 105: 2016 CUT LEVEL A2

Buffalo Leather, Cow Grain Leather, Elastane, Polyester, Aramid Brown L/9-XXL/11

- · EN12477 Type A welding protection
- · Premium quality leather welding gauntlet
- · The ultimate in dexterity for welders
- · Made from high quality durable goat leather
- · Reinforced Aramid stitching for maximum durability and burn protection
- · Ideal for welding and metal handling

























EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 2221X EN 12477: 2001 TYPE B EN 407: 2020 413X3X

Goatskin, Cow Split Leather Grey L/9-XXL/11

- · EN12477 Type B welding protection
- · Para-Aramid stitching throughout for extra durability
- · Soft, flexible goatskin palm with heavy duty split leather cuff











A500 WELDERS GAUNTLET

EN ISO 21420: 2020 DEXTERITY 1 EN 388: 2016 + A1: 2018 3243X EN 12477: 2001 TYPE A EN 407: 2020 412142 ANSI/ISEA 105: 2016 CUT LEVEL A2

Cow Split Leather, Cotton

- · EN12477 Type A welding protection
- · Fully lined with soft and comfortable cotton
- · 14 inch cow split leather gauntlet







ANSI/ ISEA 105: 2016



A530 REINFORCED WELDING GAUNTLET

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 2232X EN 12477: 2001 TYPE A EN 407: 2020 413X3X ANSI/ISEA 105: 2016 CUT LEVEL A2

Cow Split Leather, Cotton, Polyester Brown XL/10,3XL/12

- EN12477 Type A welding protection
- Premium quality leather welding gauntlet
- Reinforced palm and thumb area







EN 12477 (<u>*</u> TYPE A

ANSI/ 105: 2016



A510 WELDERS GAUNTLET

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 4222X EN 12477: 2001 TYPE A EN 407: 2020 412142 ANSI/ISEA 105: 2016 CUT LEVEL A2

Cow Split Leather, Cotton

- · EN12477 Type A welding protection
- Fully lined with soft and comfortable cotton
- · 14 inch cow split leather gauntlet









CHEMICAL





Shield your hands from hazardous substances with our chemical gloves, engineered for optimal protection and comfort in demanding environments.

Protection Against 87+ Chemical Hazards

Use the Portwest Enhanced Chemical Protection Guide to help you to select the best chemical protection for the task at hand. Find the perfect chemical protection glove to suit your application with this two-step guide:

STEP 1. Identify the chemical you are using in the Enhanced Chemical Protection Guide table.

STEP 2. Use the colour coded key to identify the gloves that offer the best level of protection.

Key	
	Not Recommended
	Limited Splash Protection
	Splash Protection
	Short Term Exposure
	Medium Term Exposure
	Good Protection
	Excellent Protection

CE Rating	Breakthrough Time (mins)					
0	0 - 10 mins					
1	10 - 30 mins					
2	30 - 60 mins					
3	60 - 120 mins					
4	120 - 240 mins					
5	240 - 480 mins					
6	>480 mins					

Enhanced Chemical AB01			-	7227					
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A812 NITROSAFE PLUS CHEMICAL GAUNTLET

Nitrile, Cotton

Green XS/6-XXL/11

0.38mm thickness, 330mm length

- · Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- · Suitable for use in chemical, oil and food industries
- · Textured pattern for enhanced grip









A813 EXTENDED LENGTH NITRILE GAUNTLET

Nitrile
Green M/8-XXL/11
0.55mm thickness, 480mm length

- · Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- Textured pattern for enhanced grip
- · Suitable for use in chemical, oil and food industries









A814 FOOD APPROVED NITRILE GAUNTLET

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 3001X EN ISO 374-1:2016 + A1:2018 TYPE A JKLMNOP EN ISO 374-5:2016 VIRUS

Nitrile
Blue XS/6-XXL/11
0.28mm thickness, 330mm length

- · Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- · Suitable for use in chemical, oil and food industries
- · 100% latex free









A820 NEOPRENE CHEMICAL GAUNTLET

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 311XX EN ISO 374-1:2016 + A1:2018 TYPE A AKLMNOPST EN ISO 374-5:2016 MICRO ORGANISMS

Neoprene, Cotton
Black S/7-XL/10
0.78mm thickness, 380mm length

- · Specially formulated rubber chloroprene
- · Textured pattern for enhanced grip
- Chemical resistant gauntlet







A CHEMICAL









A801 DOUBLE DIPPED LATEX GAUNTLET

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 1010X EN ISO 374-1:2016 + A1:2018 TYPE A AKLMNOPST EN ISO 374-5:2016 MICRO ORGANISMS

CALLEY X Yellow/Blue S/7-XL/10 0.45mm thickness, 300mm length

- · Dual latex coating for additional protection in tough conditions
- · Flock lined for added comfort
- · Chemical resistant gauntlet







A881 MARINE ULTRA PVC CHEM GAUNTLET

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X EN ISO 374-1:2016 + A1:2018 TYPE B AJKL EN ISO 374-5:2016 MICRO ORGANISMS

Cotton, PVC, PVC Sandy Blue S/7-XXL/11 1.45mm thickness, 300mm length

- · Double dipped PVC gauntlet with sandy palm finish for enhanced grip
- · REACH compliant PVC coating
- · Phthalate Free





ESD VERSION AVAILABLE A882 604





A803 HEAVYWEIGHT LATEX RUBBER GAUNTLET

EN ISO 21420: 2020 EN 388: 2016 + A1: 2018 4121X EN ISO 374-1:2016 + A1:2018 TYPE A AKLMNOTP EN ISO 374-5:2016 MICRO ORGANISMS

Catex Black L/9-XXL/11 1.3mm thickness, 600mm length

- · Manufactured from genuine natural rubber
- Chemical resistant gauntlet
- · Suitable for use in chemical, oil and food industries







EN 388: 2016 + A1: 2018 4121X EN ISO 374-1:2016 + A1:2018 TYPE A AKLMNOTP EN ISO 374-5:2016 MICRO ORGANISMS

Catex

Black L/9-XXL/11

1.1mm thickness, 440mm length

- Manufactured from genuine natural rubber
- Suitable for use in chemical, oil and food industries
- · Chemical resistant gauntlet





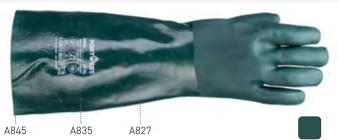












A827 DOUBLE DIPPED PVC GAUNTLET 27CM **A835** DOUBLE DIPPED PVC GAUNTLET 35CM

A845 DOUBLE DIPPED PVC GAUNTLET 45CM EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3121X EN ISO 374-1:2016 + A1:2018 TYPE B JKL

EN ISO 374-5:2016 MICRO ORGANISMS Polycotton, PVC Green, A827/A845 XL/10 A835 L/9-XXL/11

1.6mm thickness

Double dipped PVC gauntlet with sandy palm finish for enhanced grip

Jersey lined for extra wearer comfort

Phthalate Free









AP60 SANDY GRIP LITE GAUNTLET

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 4121X EN ISO 374-1:2016 + A1:2018 TYPE B AJKL EN ISO 374-5:2016 MICRO ORGANISMS

Nylon, Nitrile, Nitrile Sandy
Blue/Black M/8-XXL/11 1.3mm thickness, 300mm length

- · Flexible sandy nitrile coating offers great grip in wet and dry
- · 18 gauge liner for extra dexterity
- · Lightweight and comfortable











A810 NITROSAFE CHEMICAL GAUNTLET

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 31X1X EN ISO 374-1:2016 + A1:2018 TYPE B JKL EN ISO 374-5:2016 MICRO ORGANISMS

Mitrile, Cotton Green S/7-XXL/11 0.40mm thickness, 320mm length

- · Chemical resistant gauntlet
- · Flock lined for added comfort
- · Textured pattern for enhanced grip







AB810 NITROSAFE ESSENTIAL MULTIPACK

EN ISO 21420: 2020 DEXTERITY 5 EN 388: 2016 + A1: 2018 3101X EN ISO 374-1:2016 + A1:2018 TYPE B JKL EN ISO 374-5:2016 MICRO ORGANISMS

Mitrile, Cotton Green S/7-XXL/11 0.40mm thickness, 320mm length

- · Sold in pack of 12 pairs for great value
- · Chemical resistant gauntlet
- · Flock lined for added comfort







DISPOSABLE

KEEP YOUR HANDS CLEAN AND FREE FROM CONTAMINATION WITH OUR HIGH-QUALITY DISPOSABLE GLOVES, ENGINEERED TO MEET THE NEEDS OF A WIDE RANGE OF INDUSTRIES.



A930 ORANGE HD DISPOSABLE GLOVE (PK100)

EN ISO 21420: 2020

EN 455 PART 1-4

EN ISO 374-1:2016 + A1:2018 TYPE C K

□□□□□□■ Orange M/8-XL/10

- Crystal grip technology
- Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- · Suited for food processing plants and resistant to greases, animal fats and oils
- · 100 gloves per box
- · Three times stronger than standard nitrile
- · 7mil / 0.18mm thickness for exceptional strength







A925 POWDER FREE NITRILE DISPOSABLE GLOVE (PK100)

EN ISO 21420: 2020 DEXTERITY 5

EN 455 PART 1-4

EN ISO 374-1:2016 + A1:2018 TYPE B KPT

Nitrile
Blue S/7-XL/10

- Suited for food processing plants and resistant to greases, animal fats and oils
- Disposable nitrile gloves eliminate the risk of allergic reaction associated with
- Smooth and non-textured with a beaded cuff
- · Acceptable quality limit (AQL) 1.5
- · 240mm length
- · 0.07mm thickness









(®) DISPOSABLE









A905 POWDER FREE VINYL DISPOSABLE GLOVE (PK100)

EN ISO 21420: 2020 DEXTERITY 5 CE CAT 1

Vinyl
Clear M/8-XL/10 Blue M/8-XL/10

- · Phthalate Free
- · Manufactured from high grade poly-vinyl chloride
- Smooth and non-textured with a beaded cuff
- 100% latex free
- · Acceptable quality limit (AQL) 1.5
- 240mm length





A910 POWDERED LATEX DISPOSABLE GLOVE (PK100)

EN ISO 21420: 2020 DEXTERITY 5 CE CAT 1

Latex White M/8-XL/10

- · Ambidextrous suiting left and right handed users
- · Super soft for superior user comfort and super stretchy to reduce hand fatigue
- · Smooth and non-textured with a beaded cuff
- · Acceptable quality limit (AQL) 1.5
- 240mm length
- · 100 gloves per box











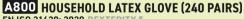
A900 POWDERED VINYL DISPOSABLE GLOVE (PK100)

EN ISO 21420: 2020 DEXTERITY 5 CE CAT 1

Winyl Clear M/8-XL/10

- · Phthalate Free
- Manufactured from high grade poly-vinyl chloride
- Ambidextrous suiting left and right handed users
- Smooth and non-textured with a beaded cuff
- Acceptable quality limit (AQL) 1.5
- 240mm length





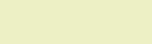
EN ISO 21420: 2020 DEXTERITY 5 CE CAT 1

Latex
Yellow M/8-XL/10

- Prevents grease, oil and water penetration
- Textured pattern for enhanced grip
- Flock lined for added comfort
- · Latex dipped for maximum grip
- Oil and water resistant
- · 300mm length





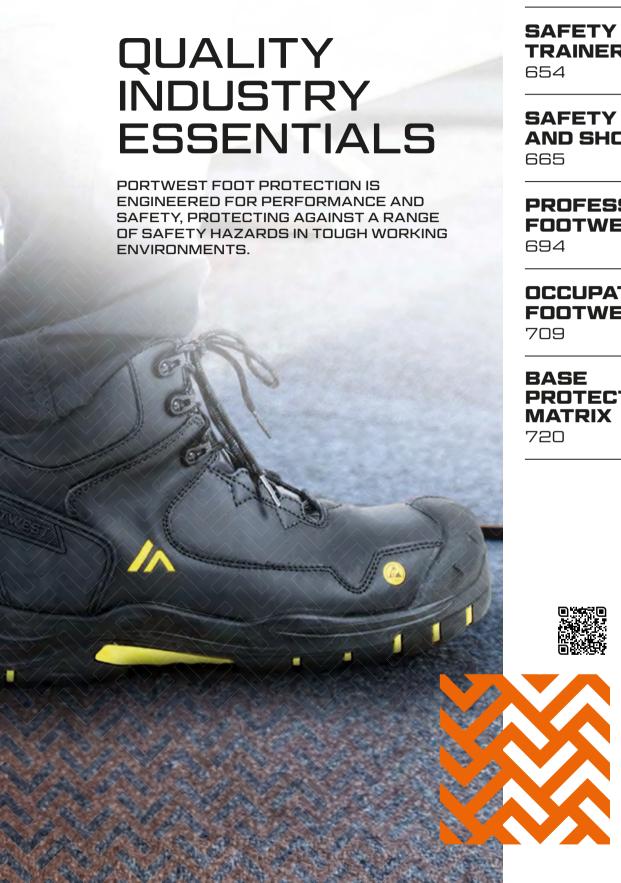




FOOTECTION







TRAINERS

SAFETY BOOTS AND SHOES

PROFESSIONAL FOOTWEAR

OCCUPATIONAL **FOOTWEAR**

PROTECTION





EXCEPTIONAL DESIGN, OUTSTANDING VALUE

Introducing the next generation of Portwest foot protection, developed by our dedicated team of safety footwear experts. These next generation styles have been designed to provide comfort, support and flexibility while offering protection against workplace hazards.

Constructed using high performance materials and components, this next generation foot protection includes wire lace fastening systems, small nail midsole penetration protection, metal-free toe caps and waterproof materials.

Included are styles made using eco-conscious materials such as recycled upper materials, footbeds, recycled laces and biodegradable leather.

Designed in a distinctive contemporary look, with function and performance in mind.





NEXT GENERATION FOOT PROTECTION









MATERIALS

OUTSOLE AND MIDSOLE MATERIALS



PU/RUBBER
Polyurethane Midsole and
Rubber Outsole

Rubber is heat resistant. PU has a soft texture, high elasticity, low density. Good flexing capabilities.



PU/PU
Duel Density Polyurethane

PU has a soft texture, high elasticity, low density. Good flexing capabilities.





ACTION LEATHER

Smooth surface finish, durable, uniform finish.



TEXTILE
Knitted / Polyester Mesh

Lightweight, flexible, breathable.



EVA/RUBBER
Ethylene-Vinyl Acetate
Midsole & Rubber Outsole

EVA is flexible, lightweight and shock absorbing. Rubber is heat resistant.



PU/TPU

Polyurethane Midsole and Thermoplastic Polyurethane

PU has a soft texture, high elasticity, low density. Good flexing capabilities. TPU is wear-resistant.



FULL GRAIN LEATHER

Strong, durable, robust, natural



COW SUEDE

Flexible, soft, breathable, durable.



PVC AND NITRILE

Polyvinyl Chloride and Nitrile

PVC/Nitrile are high resistant to solvents, fats and greases.



NUBUCK

Smooth nap surface, soft, durable, uniform finish.



MICROFIBRE

Easy to keep clean, breathable, durable, moisture absorbing, wipe clean.



TOECAPS



Constructed using non-metallic protective fibreglass toecaps and/or non-metallic protective midsoles, this collection is ideal for use in environments where metal free protection is essential.

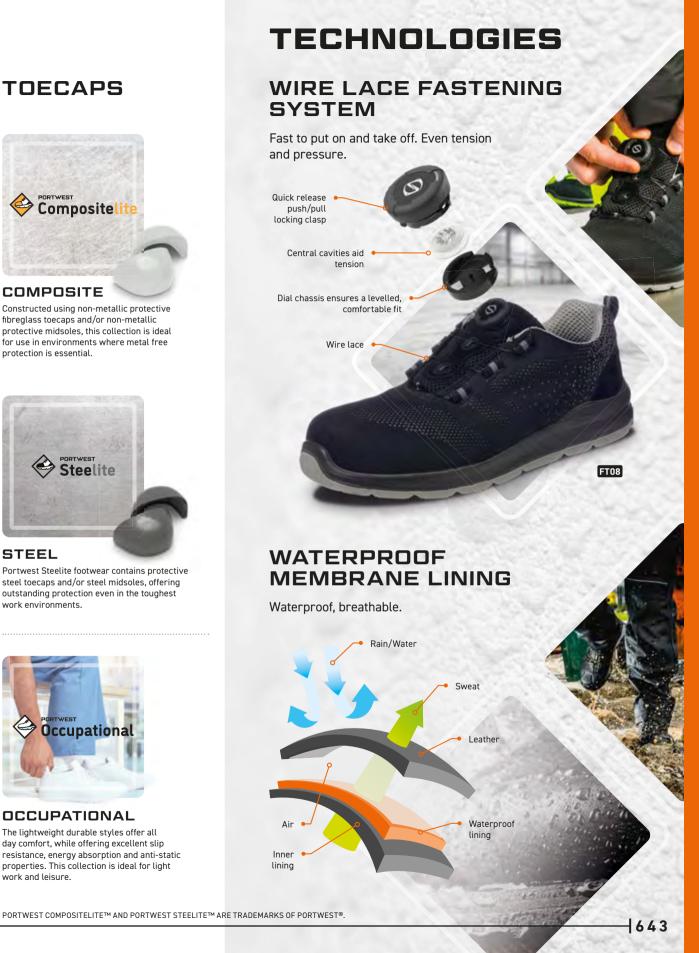


Portwest Steelite footwear contains protective steel toecaps and/or steel midsoles, offering outstanding protection even in the toughest work environments.



OCCUPATIONAL

The lightweight durable styles offer all day comfort, while offering excellent slip resistance, energy absorption and anti-static properties. This collection is ideal for light work and leisure.







FEATURES









Chemical resistant





Cold insulation





Wide fitting Women's fit





UK Conformity Assessed



European Conformity





SAFETY FOOT PROTECTION

CLASSIFICATION

EN ISO 20345 was updated in 2022 with revised requirements for slip resistance, perforation resistance and water resistance while also introducing new optional requirements for scuff caps and soles with a ladder grip.



EN ISO 20345



AS/2210.3



This international standard specifies basic and additional (optional) requirements for safety footwear used for general purposes. It includes, for example, mechanical risks, slip resistance, thermal risks and ergonomic behaviour.

The toecap protects the wearer's toes against risk of injury from falling objects and crushing when worn in work environments where potential hazards may occur. The midsole protects against the foot being pierced by underfoot objects. The updated EN ISO 20345:2022 version introduces further categories to the standards table as defined below.

	CLAS	S	P	PL	PS	A	CI	E	WR	M	WPA	HRO	FO	SC
			Penetration resistance of metallic perforation resistant inserts	Penetration resistance against 4.5mm nail of non-metallic perforation inserts	Penetration resistance against 3.5mm nail of non-metallic perforation inserts	Electrical properties: Antistatic footwear	Resistance to inimical environments: Cold insulation of sole complex	Energy absorption of seat region	Water resistant	Metatarsal protection	Water penetration and absorption	Resistance to hot contact	Resistance to fuel oil	Scuff cap
	SB	I, II					0			0		o	0	0
	SBP	-1	•				0			0		0	0	0
	S1	1				•	0	•		0		0	0	0
	S1P	-1	•			•	0	•		0		0	0	0
NEW	S1PL	-1		•		•	0	•		0		0	0	0
ž	S1PS	1			•	•	0	•		0		0	0	0
	S2	-1				•	•	•		0	•	0	0	•
	5 3	1	•			•	0	•		0	•	0	0	0
NEW	S3L	-1		•		•	0	•		0	•	0	0	0
Ž	535	1			•	•	0	•		0	•	0	0	0
	54	П				•	0	•		0		0	0	•
_	S 5	Ш	•			•	0	•		0		0	0	٥
	S5L	П		•		•	0	•		0		0	0	0
	S5S	Ш			•	•	0	•		0		0	0	0
NEW	S6	-1				•	0	•	•	0		0	0	0
Ž	5 7	-1	•			•	0	•	•	0		0	0	0
	S7L	1		•		•	0	•	•	0		0	0	0
	57 5	1			•	•	0	•	•	0		0	0	0
										Mandato	ry Requirem	nent o 0	ptional Requ	uirement





ASTM F2413-18



Standard specification for performance requirements for protective (safety) toe cap footwear.

The specification contains performance requirements for footwear to protect workers feet from the following hazards by providing:

CATEGORY	ADDITIONAL REQUIREMENTS
1	Impact resistance (I) for the toe area of footwear.
С	Compression resistance (C) for the toe area of the footwear.
Mt	Metatarsal impact protection (Mt) that reduces the chance of injury to the metatarsal bones at the top of the foot.
Cd	Conductive properties (Cd) which reduce hazards that may result from static electricity buildup, and reduce the possibility of ignition of explosives and volatile chemicals.
EH	Electric hazard protection (EH), to protect the wearer when accidental contact is made by stepping on live electric wires.
SD	Static dissipative properties (SD) to reduce hazards due to excessively low footwear electrical resistance that may exist where SD footwear is required.
PR	Puncture resistance (PR) footwear devices.



SIZE CHART FOOT PROTECTION

It is recommended to have your foot measured when purchasing footwear as there is no exact standard for converting shoe sizes.

UK SIZE	1	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16	17
EURO SIZE	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
US MEN'S SIZE					6	7	7.5	8	9	10	11	11.5	12	13	14	15	16	17	18
US WOMEN'S SIZE			5	6	7	8	8.5	9	10	11									



OCCUPATIONAL

CLASSIFICATION

The International Standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression).



EN ISO 20347



CATEGORY	CLASS	ADDITIONAL RE	EQUIREMENTS				
OB	I, II	Conforms to the basic by the standard EN IS	requirements set out 0 20347: 2022				
01	1	As OB plus closed sea properties, energy ab	at region, antistatic sorption of seat region				
02	1	As 01 plus: Water per	netration and absorption				
03		Metal Insert type P					
03L	I	Non metal insert type PL	As 02 plus: Penetration resistance, cleated outsole				
035		Non metal insert type PS					
04	II	As OB plus closed sea properties, energy ab	at region, antistatic sorption of seat region				
05		Metal Insert type P	_				
05L	II	Non metal insert type PL	As 04 plus: Penetration resistance, cleated outsole				
055		Non metal insert type PS					
07		Metal Insert type P					
07L	1	Non metal insert type PL	As 03 plus water resistance of the whole footwear				
075		Non metal insert type PS	-				

SLIP

WHAT'S THE RISK?

Safety footwear should protect the wearer from slip hazards in the workplace, ensuring that critical elements such as sole design and compounds are optimal for use to protect the wearer from such hazards.



EN ISO 13287



This European Standard specifies a method of test for the slip resistance of conventionally soled safety, protective and occupational footwear. It is not applicable to special purpose footwear containing spikes, metal studs or similar.

The item of footwear to be tested is put on a surface, subjected to a given normal force and moved horizontally relative to the surface. The frictional force is measured and the dynamic coefficient of friction is calculated.

If the outsole passes both the ceramic tile test (SRA) and the steel floor test (SRB) it is marked as SRC.

EN ISO 13287:2019 / EN ISO 20345:2011

MARKING	TEST SURFACE	Coefficient of Friction (EN 13287)						
CODE	TEST SURFACE	Forward Heel F Slip	orward Flat Slip					
SRA	Ceramic tile with SLS*	3 0.28	> 0.32					
SRB	Steel floor with Glycerol	→ 0.13	> 0.18					
SRC	Ceramic tile with SLS* & Steel floor with Glycerol	0.280.13	> 0.32 > 0.18					

^{*} Water with 5% Sodium Lauryl Sulphate (SLS) solution

EN ISO 13287:2019 / EN ISO 20345:2022

MARKING	TEST SURFACE	Coefficient of Friction (EN 13287)						
CODE	TEST SURFACE	Forward Heel Slip	Backward Forepart Slip					
	Ceramic tile with NaLS*	> 0.31	> 0.36					
SR	Ceramic tile with NaLS* and Glycerine	» 0.19	» 0.22					

^{*} Water with 5% Sodium Lauryl Sulphate (NaLS) solution



ESD

WHAT'S THE RISK?

ESD or electrostatic dissipative refers to the static discharge when a statically charged person touches an object. Should this charge be transmitted through circuitry, the result could be that of catastrophic damage to sensitive components and circuits.



This part of IEC 61340-5-1:2016 describes a test method for determining the electrical resistance of footwear used in the control of electrostatic potential on people. This standard is suitable for use by the manufacturer of footwear as well as the end user.

Electrostatic Conductive Footwear

Footwear as tested by the method described in this standard with an electrical resistance of < $1\Omega \times 10^2$.

Electrostatic Dissipative Footwear

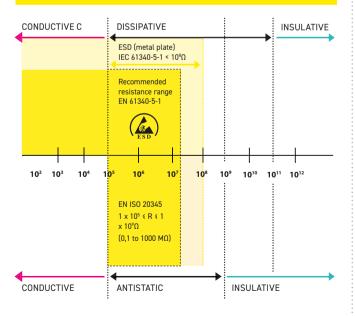
Footwear as tested by the method described in this standard with an electrical resistance of > $1\Omega \times 10^{5}$ and < $1\Omega \times 10^{8}$.

Antistatic Footwear

Occupational and safety footwear standard - EN ISO 20345 1 x 10^5 \leqslant R \leqslant 1 x $10^9\Omega$ (0,1 to 1000 M Ω).

The level of charge generated is influenced by atmospheric humidity.

IEC 61340-5-1



CHEMICAL

WHAT'S THE RISK?

Chemical resistant footwear protects the wearer from chemical related hazards in the workplace. It's important to understand the chemicals used in the environment and to use the appropriate classification of protective footwear to withstand chemical penetration and permeation according to the risk levels.



WHO IS AT

Those working in the chemical industry and in cleaning environments using harsh chemicals.

INJURIES

This can cause skin sensitivity, irritation and chemical burns.

EN ISO 13832-3

Footwear protecting against chemicals - Part 3: Requirements for prolonged contact with chemicals.

Resistance to degradation: Samples are placed in contact with the chemical for 24 hours.

This footwear resists permeation and degradation by the stated chemicals (at least 3 from the list below)

CODE	CHEMICAL
Α	Methanol
В	Acetone
С	Acetonitrile
D	Dichloromethane
E	Carbon disulphide
F	Toluene
G	Diethylamine
Н	Tetrahydrofurane
T I	Ethyl acetate
J	n-Heptane
К	Sodium Hydroxide 40%
L	Sulphuric Acid 96%
M	Nitric Acid 65%
N	Acetic Acid 99%
0	Ammonia Solution 25%
Р	Hydrogen Peroxide Solution 30%
Q	Isopropanol
R	Sodium Hypochlorite (13 ± 1)% (active chloride)
S	Hydrofluoric Acid 40%
Т	Formaldehyde 37%

⁻ Toecap strength (200J or 100J)



FOOT PROTECTION FEATURE LIST





	Brand	Style	Page	Description	Rating	Composition	Sole			HRQI 300°	METAL FREE		2	Wire Lace System	8
	S7S			1											
✓	Composite	FV01	670	Rafter Composite Boot S7S SR	S7S	Suede	PU/PU	SR				•			
	S 7		ļ.	•	!			!		ı			ļ		
✓	Steelite	FV02	671	Rafter Dealer Boot S7 SR SC FO	S7	Action Nubuck	PU/PU	SR				•			
	S3S														
✓	Compositelite	FD04	680	Wheat Apex Composite Mid Boot S3S HRO SR	S3S	Nubuck	PU/Rubber	SR		•					
▼	Compositelite	FE02	675	Ridge Composite Mid Boot S3S ESD SR FO	S3S	Nubuck	PU/PU	SR	•					•	
7	Compositelite	FC18	679	Apex Composite Mid Boot S3S ESD HRO SR SC FO	S3S	Action Nubuck	PU/Rubber	SR	•	•	•				
✓	Compositelite	FE04	676	Girder Composite Mid Boot S3S ESD SR F0	S3S	Cut-Resistance-A Textile	PU/PU	SR	•					•	
▼	Compositelite	FE01	674	Bevel Composite Mid Boot S3S ESD SR F0	S3S	Polyester Mesh	PU/PU	SR	•		•				
▼	Compositelite	FE03	675	Ridge Composite Low Shoe S3S ESD SR FO	S3S	Nubuck	PU/PU	SR	•					•	
▼	Compositelite	FC19	679	Apex Compositelite Shoe S3S ESD HRO SR SC FO	S3S	Action Leather	PU/Rubber	SR	•	•	•				
▼	Compositelite	FE05	676	Girder Composite Low Shoe S3S ESD SR F0	S3S	Cut-Resistance-A Textile	PU/PU	SR	•					•	
_ =	Compositelite	FC07	659	Eco Composite Trainer S3S SR	S3S	Leather & ECO Textile	PU/PU	SR			•				
_	5 3			·											
	Compositelite	FC58	681	Portwest Compositelite Avich Boot S3	S3	Action Leather	PU/PU	SRC			•				
	Compositelite	FD37	677	Portwest Compositelite Protector Safety Boot S3 ESD HRO	S3	Action Nubuck	PU/Rubber	SRC	•	•	•				
	Compositelite	FC60	683	Portwest Compositelite Operis Boot S3 HRO	S3	Nubuck	PU/Rubber	SRC		•	•				
	Compositelite	FC57	673	Portwest Compositelite All Weather Boot S3 WR	S3	Nubuck	PU/TPU	SRC			•	•			
	Compositelite	FC12	682	Portwest Compositelite Fur Lined Thor Boot S3 CI	S3	Full Grain Leather	PU/TPU	SRC			•		CI		
	Compositelite	FD02	672	Portwest Compositelite Traction Safety Boot S3 HRO CI WR	S3	Full Grain Leather	PU/Rubber	SRC	•	•		•	CI		
	Compositelite	FD01	672	Portwest Compositelite Traction Safety Boot S3 HRO CI WR	S3	Full Grain Leather	PU/Rubber	SRC	•	•		•	CI		
	Compositelite	FC17	681	Portwest Compositelite Montana Hiker Boot S3 HRO	S3	Full Grain Nubuck Leather	PU/Rubber	SRC		•					
	Compositelite	FC11	683	Portwest Compositelite Thor Boot S3	S3	Full Grain Leather	PU/TPU	SRC							
	Compositelite	FW07	682	Portwest Compositelite Welders Boot S3 HR0	S3	Split Leather	PU/Rubber	SRA		•					
	Compositelite	FC16	706	Portwest Compositelite Indiana Rigger Boot S3	S3	Buffalo Grain Oil Leather	PU/Rubber	SRC			•				
	Compositelite	FD27	677	Portwest Compositelite Protector Safety Shoe S3 ESD HRO	S3	Action Nubuck	PU/Rubber	SRC	•	•	•				
	Compositelite	FC61	683	Portwest Compositelite Operis Shoe S3 HRO	S3	Nubuck	PU/Rubber	SRC		•	•				
	Compositelite	FW59	688	Steelite Mustang Shoe S3	S3	Crazy Horse Leather	PU/TPU	SRC							
	Compositelite	FC44	683	Portwest Compositelite Thor Shoe S3	S3	Full Grain Leather	PU/TPU	SRC			•				
	Compositelite	FC25	659	Portwest Compositelite Argen Trainer S3	S3	Knitted Textile	PU/PU	SRC							
	Steelite	FW69	688	Steelite Mustang Boot S3	S3	Crazy Horse Leather	PU/TPU	SRC							
	Steelite	FW11	690	Steelite Thor Boot S3	S3	Full Grain Leather	PU/TPU	SRC							
	Steelite	FD10	687	Clyde Safety Boot S3 HRO CI HI FO	S3	Full Grain Leather	PU/Rubber	SRC		•			CI HI		
	Steelite	FD11	686	Foyle Safety Boot S3 HRO CI HI FO	S3	Full Grain Leather	PU/Rubber	SRC		•			CI HI		
	Steelite	FW22	705	Steelite Metatarsal Boot S3 HRO M	S3	Split Leather	PU/Rubber	SRC							•
	Steelite	FT42	686	Steelite Women's Hiker Boot	S3	Full Grain Nubuck Leather	PU/PU	SRC							
	Steelite	FW32	688	Steelite Construction Nubuck Boot S3 HR0	S3	Full Grain Nubuck Leather	Phylon/Rubber	SRA		•					
	Steelite	FW24	691	Steelite Kumo Boot Scuff Cap S3	S3	Split Leather	PU/PU	SRC		<u> </u>					
	Steelite	FW03	691	Steelite Boot S3	S3	Split Leather	PU/PU	SRC							
	Steelite	FW05	689	Steelite Fur Lined Protector Boot S3 Cl	S3	Split Leather	PU/TPU	SRC					CI		
	Steelite	FW65	687	Steelite TaskForce Boot S3 HR0	S3	Split Leather / Textile	EVA/Rubber	SRC		•					
	Steelite	FT13	706	Steelite Rigger Boot Pro S3 CI HRO	S3	Split Leather	PU/PU	SRC					CI		
	Steelite	FT12	706	Steelite Rigger Boot Pro S3 CI HRO	S3	Split Leather	PU/Rubber	SRC		•			CI		
	Steelite	FD03	690	Steelite Protector Plus Boot S3 HR0	S3	WR Split Leather	Nitrile	SRC		•					
	Steelite	FW66	673	Steelite All Weather Hiker Boot S3 WR	S3	Suede	PU/PU	SRC				•			
	Steelite	FW23	689	Steelite Kumo Boot S3	S3	WR Buffalo Leather	PU/PU	SRC							
	Steelite	FD33	682	Steelite Kumo Fur lined Boot S3	S3	WR Buffalo Leather	PU/PU	SRC							
	Steelite	FW29	706	Steelite Rigger Boot Scuff Cap S3 CI	S3	Buffalo Leather	PU/PU	SRC					CI		
	Steelite	FT05	673	Steelite Monsal Safety Boot S3 WR CI HRO SRC	S3	Waxy Buffalo Leather	EVA/Rubber	SRC		•		•	CI		
	Steelite	FW57	673	Steelite All Weather Boot S3 WR CI HRU SRC	S3	Nubuck	PU/TPU	SRC		<u> </u>		•	UI .		
	Steelite	FD17	705	Steelite Met Protector Boot S3 M	S3	Smooth Action Leather	PU/PU	SRC				<u> </u>			•
	Steelite	FW44	690	Steelite Thor Shoe S3	S3	Full Grain Leather	PU/TPU	SRC							
			689		_										
	Steelite	FW43		Steelite Kumo Shoe S3	S3	WR Buffalo Leather	PU/PU	SRC		_			C1 111		
	Steelite	FD15	687	Eden Safety Boot S3 HRO CI HI F0	S3	Full Grain Leather	PU/Rubber	SRC		•			CI HI		



FOOT PROTECTION FEATURE LIST





									$\overline{\sim}$					Wire Lace	
	Brand	Style	Page	Description	Rating	Composition	Sole	-	(<u>(i)</u>)	300°	FREE		105	System	
	S1PS					1	1								
	Compositelite	FC06	661	ECO Fly Composite Trainer	S1PS	Flyknit Polyester	PU/PU	SR			•				
	S1P			l		la	1		1		ı				
	Compositelite	FC10	684	Safety Boot	S1P	Split Leather	PU/PU	SRC			•				
	Compositelite	FC65	684	Trekker Plus Boot	S1P	Suede	PU/PU	SRC			•				
	Compositelite	FC53	684	Reno Mid Cut Boot	S1P	Suede	PU/PU	SRC			•				
	Compositelite	FC15	684	Derwent Boot	S1P	KPU / Mesh	EVA/Rubber	SRC			•				
	Steelite	FW10	694	Protector Boot	S1P	Split Leather	PU/PU	SRC							
	Steelite	FW09	694	Protector Boot Scuff Cap	S1P	Split Leather	PU/PU	SRC							
	Steelite	FW63	693	Trekker Boot	S1P	Suede	PU/PU	SRC							
	Steelite	FW06	707	Rigger Boot	S1P	Split Leather	PU/Rubber	SRC		•					
	Steelite	FW13	707	Rigger Boot Scuff Cap Cl	S1P	Split Leather	PU/PU	SRC					CI		
	Steelite	FW12	707	Rigger Boot Scuff Cap CI HRO	S1P	Split Leather	PU/Rubber	SRC		•			CI		
	Compositelite	FC04	699	ESD Tagus sandal	S1P	Split Leather	PU/PU	SRC	•		•				
	Compositelite	FC14	684	Safety Shoe	S1P	Split Leather	PU/PU	SRC			•				
	Steelite	FW14	694	Protector Shoe	S1P	Split Leather	PU/PU	SRC							
	Steelite	FW85	695	Ultra Safety Shoe	S1P	Split Leather	PU/PU	SRC							
	Steelite	FT64	692	Trouper Shoe	S1P	Suede	PU/PU	SRC							
	Steelite	FW64	693	Trekker Shoe	S1P	Suede	PU/PU	SRC							
	Steelite	FT63	692	Trouper Shoe	S1P	Suede	PU/PU	SRC							
	Steelite	FW47	712	Executive Oxford Shoe	S1P	Full Grain Leather	PU/PU	SRC							
	Steelite	FW46	712	Executive Brogue	S1P	Full Grain Leather	PU/PU	SRC							
	Compositelite	FT60	663	Mersey Trainer	S1P	Suede Leather + Textile	PU/PU	SRC							
	Compositelite	FC09	662	Perforated Safety Trainer	S1P	Smooth Action Leather	PU/PU	SRC			•				
9	Compositelite	FC08	661	ECO Safety Trainer	S1P	Recycled Knitted Textile	PU/PU	SRC			•				
	Compositelite	FT08	662	Wire Lace Safety Trainer	S1P	Knitted Textile	PU/PU	SRC						•	
	Compositelite	FT35	664	Ogwen Low Cut Trainer	S1P	KPU / Mesh	EVA/Rubber	SRC			•				
	Compositelite	FT36	663	Low Cut Spey Trainer	S1P	KPU / Mesh	EVA/Rubber	SRA			•				
	Compositelite	FC67	664	Vistula Trainer	S1P	Split Leather	Phylon/Rubber	SRC		•	•				
	Compositelite	FT62	699	ESD Tees Trainer	S1P	Nylon Mesh	EVA/Rubber	SRC	•		•				
	Steelite	FT25	667	Aire Trainer	S1P	Knitted Textile	PU/PU	SRC							
	Steelite	FT15	666	Tove Trainer	S1P	KPU / Mesh	EVA/Rubber	SRC							
	Steelite	FW51	695	Dealer Boot	S1P	Full Grain Leather	PU/PU	SRC							
	Steelite	FW25	695	Safety Trainer	S1P	Split Leather	PU/PU	SRC							
	Steelite	FW33	668	ARX Safety Trainer	S1P	Split Leather	EVA/Rubber	SRC		•					
	Steelite	FW39	668	Women's Safety Trainer	S1P	Split Leather	EVA/Rubber	SRC		•					
	Steelite	FW02	693	Perforated Trainer	S1P	Suede	PU/PU	SRC							
	Steelite	FW34	667	Lusum Trainer	S1P	Suede	EVA/Rubber	SRA		•					
	Steelite	FW36	667	Loire Low Cut Trainer	S1P	Suede	EVA/Rubber	SRC		•					
	Steelite	FT18	666	Wire Lace Safety Trainer HRO	S1P	Suede	PU/Rubber	SRC		•				•	
	Steelite	FT71	686	Safety Dealer boot S3	S1P	Full Grain Nubuck Leather	PU/PU	SRC							
			'	'	'	'	1				'		'		
	Brand	Style	Page	Description	Rating	Composition	Sole	4	<u> </u>	H	RO	METAL FREE		<u></u>	8
	S 5														
	Compositelite	FD85	704	Mettamax Safety Wellington	S5	PVC/Nitrile	PVC/Nitrile	SRA							•
	Steelite	FW95	709	Total Safety Wellington	S5	PVC/Nitrile	PVC/Nitrile	SRC			\top		•		
	Steelite	FD95	708	PU Safety Wellington CI FO	S5	PU	PU	SRC						CI	
	Ctaalita	EW/E		DVC Boot		DVC	DVC	CDA	+	_	-				

Brand	Style	Page	Description	Rating	Composition	Sole	%	HRQ 300°	FREE		100	5
S 5												
Compositelite	FD85	704	Mettamax Safety Wellington	S5	PVC/Nitrile	PVC/Nitrile	SRA					•
Steelite	FW95	709	Total Safety Wellington	S5	PVC/Nitrile	PVC/Nitrile	SRC			•		
Steelite	FD95	708	PU Safety Wellington CI FO	S5	PU	PU	SRC				CI	
Steelite	FW45	711	PVC Boot	S5	PVC	PVC	SRA					
Steelite	FW75	711	Neptune Rigger Boot CI	S5	PVC/Nitrile	PVC/Nitrile	SRC			•	CI	
Steelite	FW71	710	Safety Waist Wader	S5	PVC/Nitrile	PVC/Nitrile	SRC					
Steelite	FW74	710	Safety Chest Wader	S5	PVC/Nitrile	PVC/Nitrile	SRC					
54												
Steelite	FW94	709	Classic Safety Wellington	S4	PVC/Nitrile	PVC/Nitrile	SRC			•		
Steelite	FW84	709	Safety Food Wellington	S4	PVC/Nitrile	PVC/Nitrile	SRC			•		
Steelite	FD84	708	PU Food Wellington CI FO	S4	PU	PU	SRC				CI	
04												
Occupational	FW90	709	PVC Wellington	04	PVC	PVC						
Occupational	FD90	708	PU Non-Safety Wellington CI FO	04	PU	PU			•		CI	



FOOT PROTECTION FEATURE LIST





Brand	Style	Page	Description	Rating	Composition	Sole		<u>(A)</u>	HRQ 300°	METAL FREE		(30)
S 2												
Steelite	FW83	702	Slip On Safety Boot	S2	Microfibre	PU	SRC					•
Steelite	FW88	702	Albus Laced Boot	S2	Microfibre	PU	SRC					•
Compositelite	FD61	701	Laced Safety Shoe	S2	Microfibre	PU	SRC					•
Compositelite	FC01	699	ESD Laced Safety Shoe	S2	Microfibre	PU	SRC	•		•		
Steelite	FW80	702	Laced Safety Shoe	S2	Microfibre	PU	SRC					•
Steelite	FW81	702	Slip On Safety Shoe	S2	Microfibre	PU	SRC					•
Compositelite	FD62	701	Slip On Safety Trainer	S2	Microfibre	PU	SRC					•
S1												
Compositelite	FC21	685	Safety Boot	S1	Split Leather	PU/PU	SRC			•		
Compositelite	FC63	685	Trekker Boot	S1	Suede	PU/PU	SRC			•		
Steelite	FW21	696	Safety Boot	S1	Split Leather	PU/PU	SRC					
Steelite	FW48	700	ESD Ebro Safety Sandal	S1	Microfibre	PU	SRC	•				
Steelite	FW42	696	Obra Sandal	S1	Suede	PU/PU	SRC					
Compositelite	FC64	685	Trekker Shoe	S1	Suede	PU/PU	SRC			•		
Compositelite	FC66	685	Trouper Shoe	S1	Suede	PU/PU	SRC			•		
Compositelite	FC02	700	ESD Leather Safety Shoe	S1	Split Leather	PU/PU	SRC	•		•		
Steelite	FW41	696	Womens Safety Shoe	S1	Split Leather	PU/PU	SRC					
Steelite	FT50	668	Mersey Trainer	S1	Suede	PU/PU	SRC					
SBP												
Steelite	FW16	697	Welted Safety Boot SBP HRO	SBP	Split Leather	Rubber	SRA		•			
Steelite	FW35	697	Welted Plus Safety Boot HRO	SBP	Full Grain Nubuck Leather	Rubber	SRA		•			
SB												
Steelite	FW31	697	Mid Cut Nubuck Boot HRO	SB	Full Grain Nubuck Leather	Phylon/Rubber	SRA		•			
Steelite	FW17	697	Welted Safety Boot SB HRO	SB	Full Grain Nubuck Leather	Rubber	SRA		•			
Steelite	FW26	696	Air Cushion Safety Shoe	SB	Buffalo Leather	PVC/Rubber	SRA					
Compositelite	FC03	700	ESD Perforated Safety Clog AE	SB	Microfibre	PU/PU	SRC	•		•		
Steelite	FW82	703	Safety Clog AE WRU	SB	Microfibre	PU	SRC					•
02												
Occupational	FW58	703	Occupational Slip On Shoe	02	Microfibre	PU	SRC					•
01												
Occupational	FW20	717	Work Boot	01	Split Leather	PU/PU	SRC					
Occupational	FW19	717	Work Shoe	01	Split Leather	PU/PU	SRC					
075												
Occupational	FC26	715	Patrol Boot 07S SR F0 SC HR0	07S	Action Leather	PU/Rubber	SR		•	•	•	
ОВ												
Occupational	FT20	716	Lite Occupational Trainer	OB	Flyknit Polyester	EVA/Rubber	SR					•
	Eure	212	lu un p			5)// /D LI				İ		
	FW40	717	Limes Hiker Boot	-	Suede	EVA/Rubber						
	FW67	717	Nebraska Low Cut Trainer		PU Mesh	Phylon/Rubber						

LEGEND



Slip Rating







METAL Metal free



Membrane Lined



Thermal Rating



Chemical Resistant

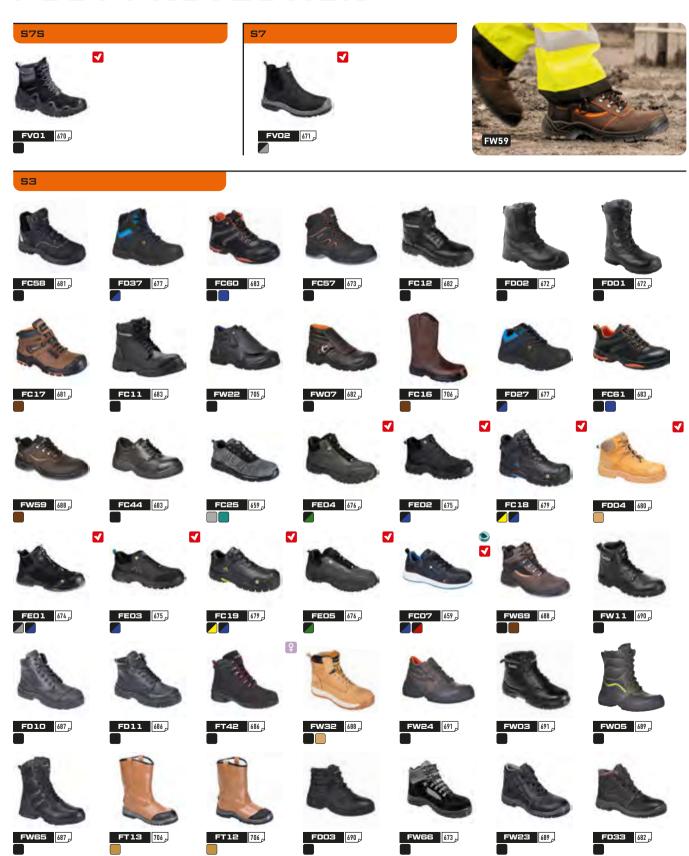


Metatarsal Protection



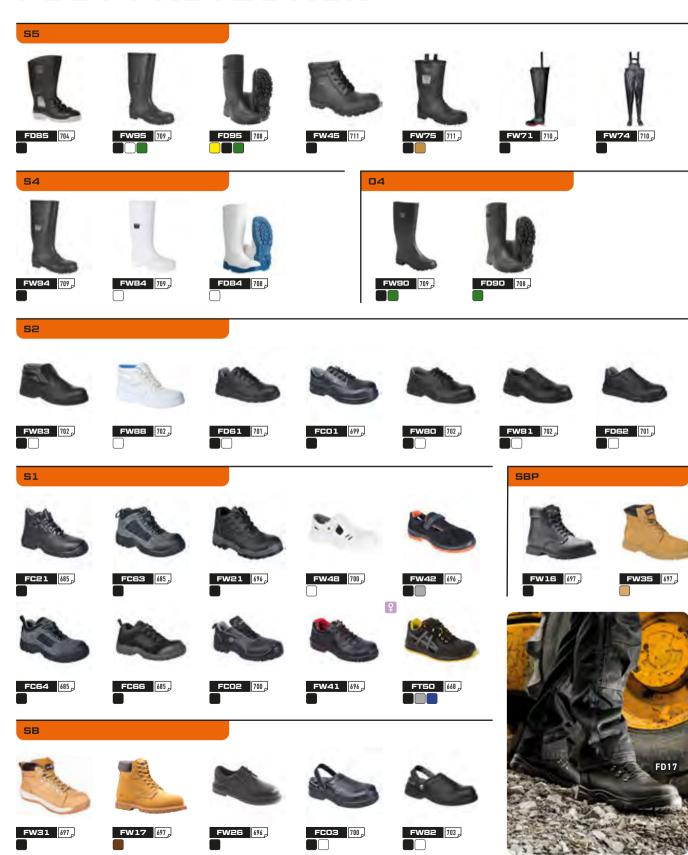
Machine Washable to 30°C

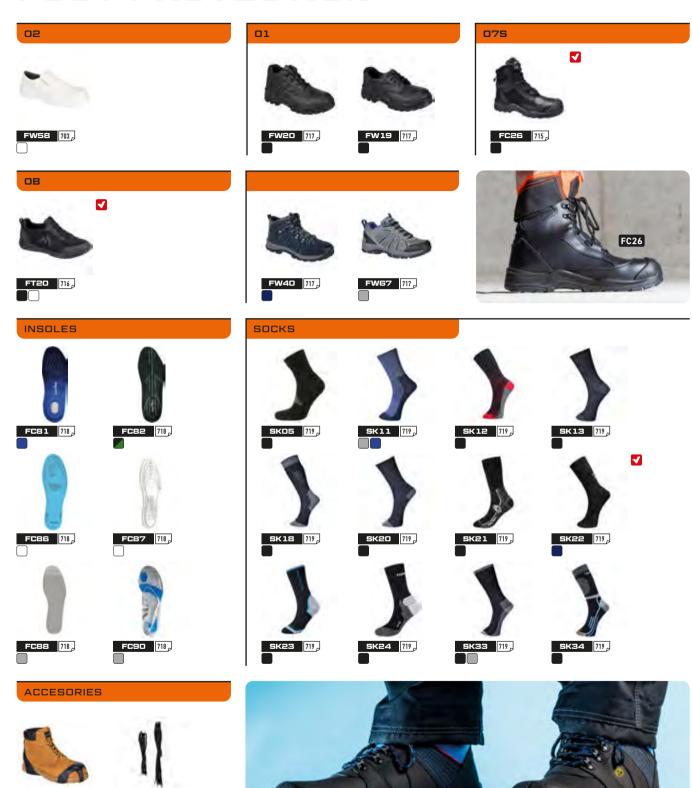
E Julian











FD37

SAFETY

PORTWEST SAFETY
TRAINERS PROVIDE
LIGHTWEIGHT
COMFORT AND
PROTECTION AGAINST
POTENTIAL HAZARDS,
AVAILABLE WITH
A PENETRATION
RESISTANT MIDSOLE
AND A COMPOSITE OR
STEEL TOE CAP.





S3S AND S3 SAFETY TRAINER

NEXT GEN

FC07 ECO COMPOSITE TRAINER S3S SR EN ISO 20345:2022 S3S



Smooth Leather > PU/PU Outsole: F91

Black/Blue 37-47, Black/Red 37-47

- · Eco-conscious certified recycled fabric
- · Metal free
- · Composite toe cap
- · Pierce resistant composite midsole
- · Dual density sole unit
- · 10 PET Bottles are recycled to make this product













EURO	UK	USA
37-47	4-12	5-13



FC25 PORTWEST COMPOSITELITE **ARGEN TRAINER S3**

EN ISO 20345: 2011 S3



Knitted Upper PU/PU Outsole: F50 Grey 36-48, Teal 36-48

- Breathable knitted upper
- · High frequency printing creating abstract patterns in hi-visibility colours
- · Gel cushioned footbed
- · Back pull-tab for ease of getting onto the foot
- · Pierce resistant composite midsole
- · Composite toecap for added protection









EURO I	UK	USA
36-48	3-13	4-14











S1P AND S1PS SAFETY TRAINER

√ NEW



FC06 EC0 FLY COMPOSITE TRAINER S1PS SR FO

EN ISO 20345:2022 S1PS



Flyknit Polyester > PU/PU Outsole: F50 Black/Blue 36-48, Black/Red 36-48, Black/ Yellow 36-48

- · 4 PET Bottles is recycled to make this product
- · Composite toe cap
- · Pierce resistant composite midsole
- · Slip resistant outsole
- · Energy absorbing seat region
- · 100% metal free



4 PET BOTTLES ARE RECYCLED TO MAKE THIS PRODUCT









EURO	UK	USA
36-48	3-13	4-14



PLANET

PLANET





EN ISO 20345: 2011 S1P



Technical Textile > PU/PU Outsole: F50 Black/Yellow 36-48

- · 4 PET Bottles is recycled to make this product
- · Gel cushioned footbed
- · Padded collar for added comfort
- · Back pull-tab for ease of getting onto the foot
- · 3D breathable mesh lining
- · Padded tongue



4 PET BOTTLES ARE RECYCLED TO MAKE THIS PRODUCT







SHARED FEATURES

EUR0	UK	USA	
36-48	3-13	4-14	







FT08 PORTWEST COMPOSITELITE WIRE **LACE SAFETY TRAINER KNIT S1P**

EN ISO 20345: 2011 S1P



Knitted Upper PU/PU Outsole: F50 Black/Grey 36-48, Black/Red 36-48, Black/ Yellow 36-48

- · Quick release wire lace fastening system, engineered to give an overall secure fit
- · Contemporary knitted upper, specially developed to increase comfort and lightweight properties
- Back pull-tab for ease of getting onto the foot
- · Dual density outsole
- · Composite toecap for added protection
- · Pierce resistant composite midsole

















LIGHTWEIGHT

EUR0	UK	USA
36-48	3-13	4-14





FC09 PORTWEST COMPOSITELITE PERFORATED SAFETY TRAINER S1P

EN ISO 20345: 2011 S1P



Smooth Action Leather > PU/PU Outsole: F50 Black/Orange 36-48

- Perforated upper aiding air circulation in hot environments
- Extra set of contrast laces included
- · 100% non-metallic
- · Padded collar for added comfort
- · Back pull-tab for ease of getting onto the foot
- · Composite toe cap









36-48 3-13 4-14	EURO	UK	USA
	36-48	3-13	4-14







FT60 PORTWEST COMPOSITELITE **MERSEY TRAINER S1P**

EN ISO 20345: 2011 S1P



Split Leather + Textile PU/PU Outsole: F50 Black/Blue 36-48, Black/Yellow 36-48,

- · Available in unisex sizing
- · 3D breathable mesh lining
- · Leather stitched toe bumper
- Mesh and split leather upper
- · Dual density outsole
- · Superbly cushioned comfort foot bed reducing foot fatigue











EURO	UK	USA
36-48	3-13	4-14



FT36 PORTWEST COMPOSITELITE LOW CUT SPEY TRAINER S1P

EN ISO 20345: 2011 S1P



KPU + Mesh EVA/Rubber Outsole: F65
Orange/Black 37-48

- Direct injected mesh with KPU Cage, providing strength and breathability
- · Lightweight and comfortable
- · Lightweight dual density EVA and rubber outsole
- · Enhanced tread pattern for a better traction on uneven terrain
- · Leather stitched toe bumper
- · Composite toecap for added protection









EURO	UK	USA
37-48	4-13	5-14







FT35 PORTWEST COMPOSITELITE **OGWEN LOW CUT TRAINER S1P**

EN ISO 20345: 2011 S1P

KPU + Mesh
EVA/Rubber Outsole: F53
Black/Green 36-48, Black/Red 36-48

- Superbly cushioned comfort foot bed reducing foot fatigue
- Reinforced heel and toe
- · Back pull-tab for ease of getting onto the foot
- · Lightweight dual density EVA and rubber outsole
- · Composite toecap for added protection
- · Pierce resistant composite midsole









EURO	UK	USA
36-48	3-13	4-14



FC67 PORTWEST COMPOSITELITE **VISTULA TRAINER S1P HRO**

EN ISO 20345: 2011 S1P



Action Leather > EVA/Rubber Outsole: F43 Black 38-47, Lime Green 38-47

- Specially engineered outsole to reduce foot fatigue
- · Phylon and Rubber outsole offering lightweight and durable performance.
- · Heat resistant outsole 300°C
- · Pierce resistant composite midsole
- · Composite toecap for added protection
- · Anti-static footwear











EURO	UK	USA
38-47	5-12	6-13











FT18 STEELITE WIRE LACE SAFETY TRAINER S1P HRO

EN ISO 20345: 2011 S1P



Cow Suede Leather EVA/Rubber Outsole: F29 Grey/Green 39-47

- Quick release wire lace fastening system, engineered to give an overall secure fit
- Specially considered upper materials to aid in high abrasion areas, performance and stability
- · Leather stitched toe bumper
- · Enhanced tread pattern for a better traction on uneven terrain
- Back pull-tab for ease of getting onto the foot
- · Made with cow suede leather for a premium finish

TIGHTEN

Push in the dial and twist clockwise



LOOSEN Pull out the dial and pull on the tongue





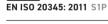




EURO	UK	USA
39-47	6-12	7-13









KPU + Mesh ≥ EVA/Rubber Outsole: F53 Black/Blue 36-48, Black/Green 36-48, Black/Orange 36-48, Black/White 36-48

- · Direct injected mesh with KPU Cage, providing strength and breathability
- · Available in a selection of bright colours
- · Extra set of contrast laces included Protective steel toecap
- · Pierce resistant steel midsole
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces

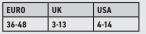




CUSHIONED FOOTBED TO ENHANCE COMFORT

AND PERFORMANCE











FT25 STEELITE AIRE TRAINER S1P

EN ISO 20345: 2011 S1P



Knitted Upper > PU/PU Outsole: F50

Black/Green 36-48, Blue/Orange 36-48

- · Contemporary knitted upper, specially developed to increase comfort and lightweight properties
- · Extra set of contrast laces included
- · Back pull-tab for ease of getting onto the foot
- · Dual density outsole
- · Protective steel toecap
- · Pierce resistant steel midsole







EUR0	UK	USA
36-48	3-13	4-14

FW34 STEELITE LUSUM SAFETY TRAINER S1P HRO

EN ISO 20345: 2011 S1P



Cow Suede Leather ≥ EVA/Rubber Outsole: F15 X Black 36-48, Blue 36-48, Orange 36-48, Red 36-48

- · Reinforced ankle protection
- · Available in a selection of bright colours
- · Suede and textile upper
- · Padded collar for added comfort
- · Made with cow suede leather for a premium finish
- · Cemented construction





	EURO	UK	USA
	36-48	3-13	4-14
ľ			

FW36 STEELITE LOIRE LOW CUT TRAINER S1P HRO

EN ISO 20345: 2011 S1P



Cow Suede Leather > EVA/Rubber Outsole: F29 Grey 39-47

- Specially considered upper materials to aid in high abrasion areas, performance and stability
- · Leather stitched toe bumper
- · Enhanced tread pattern for a better traction on uneven terrain
- · Innovative outsole flex zones increase flexibility and stability for excellent support and comfort with every step
- Back pull-tab for ease of getting onto the foot
- · Made with cow suede leather for a premium finish



EUR0	UK	USA
39-47	6-12	7-13





S1P AND S1 SAFETY TRAINER

FW33 STEELITE ARX SAFETY TRAINER S1P HRO

EN ISO 20345: 2011 S1P



- · Executive trainer hybrid styling
- · Padded collar for added comfort
- Available in unisex sizing
- · Slip, fuel and oil resistant rubber outsole
- · Protective steel toecap
- · Heat resistant outsole 300°C







EURO	UK	USA
36-48	3-13	4-14

FW39 STEELITE WOMEN'S SAFETY TRAINER S1P HRO

EN ISO 20345: 2011 S1P



Action Leather + Cow Suede Leather > EVA/Rubber Outsole: F15 Black 36-43, Black/Pink 36-43

- · Available in a selection of bright colours
- Premium suede upper
- · Padded collar for added comfort
- · Slip, fuel and oil resistant rubber outsole
- Specially designed fit for women
- Energy absorbing seat region









EURO	UK	USA
36-43	3-9	5-11

FT50 STEELITE MERSEY TRAINER S1 EN ISO 20345: 2011 S1



Mesh + Action Leather PU/PU Outsole: F50 Black 36-48, Blue 36-48, Grey 36-48

- · Available in unisex sizing
- · 3D breathable mesh lining
- · Leather stitched toe bumper
- · Suede and textile upper
- · Dual density outsole
- Superbly cushioned comfort foot bed reducing foot fatigue



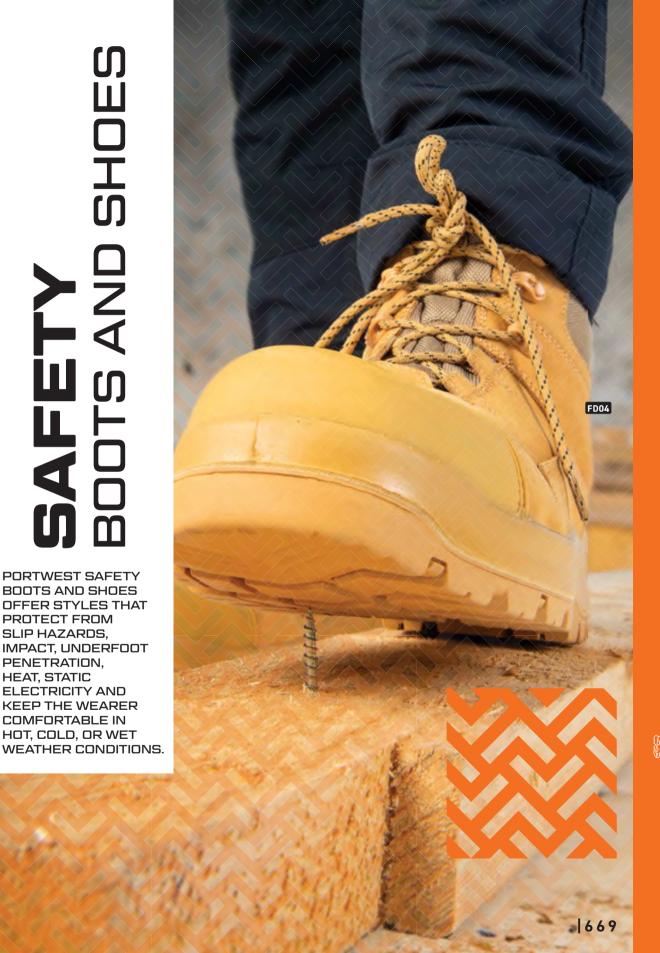








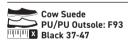




S7 WATERPROOF BOOT



FV01 RAFTER COMPOSITE BOOT S7S SR EN ISO 20345:2022 S7S



- · Waterproof membrane for dry foot comfort
- $\cdot\;$ Heavy duty protective sole cage
- · Composite toe cap
- · Pierce resistant composite midsole
- · Fuel and oil resistant outsole



STAY DRY AND PROTECTED

The FV01 Compositelite Rafter Boot, incorporates numerous protective features, such as the 360 degree protective sole cage and heavy duty scuff cap protecting your feet from side impacts.

The reflective lace, side strip and pull loop increase visibility in low lighting conditions. The boot boasts a semi-permeable waterproof membrane throughout and a bellows tongue construction ensuring that your feet stay comfortable and dry in wet conditions.







EURO	UK	USA
37-47	4-12	5-13

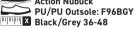


S7 WATERPROOF BOOT



FV02 RAFTER DEALER BOOT S7 SR SC FO EN ISO 20345:2022 S7





- · Waterproof membrane for dry foot comfort
- $\cdot \ \, \text{Protective steel toecap}$
- · Pierce resistant steel midsole
- $\cdot\;$ Fuel and oil resistant outsole
- · Anti-static footwear



ALL ROUND SOLUTION

The FV02 Steelite Rafter Dealer Boot is the perfect all round solution to an easy access slip-on boot, with front and rear loops for easy ingress. A cushioned PU midsole for all day underfoot comfort, coupled with a protective TPU heel counter for added protection. The Rafter Dealer Boot also incorporates a semi-permeable waterproof membrane ensuring that your feet stay comfortable and dry in wet conditions.







EURO	UK	USA
36-48	3-13	4-14





S3 WATERPROOF BOOT

FD01 PORTWEST COMPOSITELITE TRACTION 10 INCH (25CM) SAFETY BOOT S3 HRO CI WR

EN ISO 20345: 2011 S3 IEC 61340-5-1:2016



Buffalo Crazy Horse Leather > PU/Rubber Outsole: F18

- Specially engineered outsole to reduce foot fatigue
- Bellow tongue construction for better resistance to water penetration
- · Engineered ankle support
- · Angled top line for better fit and leg flexibility
- · Quick release zip for instant access
- · Heat resistant outsole 300°C







EURO	UK	USA
38-48	5-13	6-14

FD02 PORTWEST COMPOSITELITE TRACTION 7 INCH (18CM) SAFETY BOOT S3 HRO CI WR

EN ISO 20345: 2011 S3 IEC 61340-5-1:2016



Buffalo Crazy Horse Leather > PU/Rubber Outsole: F18 Black 38-48

- Specially engineered outsole to reduce foot fatigue
- Bellow tongue construction for better resistance to water penetration
- · Engineered ankle support
- · Angled top line for better fit and leg flexibility
- · Quick release zip for instant access
- · Heat resistant outsole 300°C







EURO	UK	USA
38-48	5-13	6-14



























S3 WATERPROOF BOOT





FW66 STEELITE ALL WEATHER HIKER BOOT S3 WR

EN ISO 20345: 2011 S3



Cow Suede Leather PU/PU Outsole: F51 Black 38-48

- · Made with cow suede leather for a premium finish
- · Pierce resistant steel midsole
- · Anti-static footwear
- · Energy absorbing seat region





FT05 STEELITE MONSAL SAFETY BOOT S3 WR CI

EN ISO 20345: 2011 S3



Buffalo Crazy Horse Leather EVA/Rubber Outsole: F80 Black 39-48



Brown 39-48



- · Technical locking ski-hook provides a secure fit
- Specially considered upper materials to aid in high abrasion areas, performance and stability
- · Enhanced tread pattern for a better traction on uneven terrain



EURO	UK	USA
38-48	5-13	6-14



EURO	UK	USA
39-48	6-13	7-14





FC57 PORTWEST COMPOSITELITE ALL WEATHER BOOT

EN ISO 20345: 2011 S3







- · Waterproof membrane for dry foot comfort
- · Angled top line for better fit and leg flexibility
- · Protective scuff cap
- \cdot Textile areas aid ventilation and airflow to the foot.





FW57 STEELITE ALL WEATHER BOOT S3 WR

EN ISO 20345: 2011 S3



Crazy Horse Leather
PU/TPU Outsole: F12
Black 38-48, Brown 38-48



- · Waterproof membrane for dry foot comfort
- Angled top line for better fit and leg flexibility
- \cdot Back pull-tab for ease of getting onto the foot
- · Padded collar for added comfort



EURO	UK	USA
38-48	5-13	6-14



EURO	UK	USA
38-48	5-13	6-14







FEO1 BEVEL COMPOSITE MID BOOT S3S ESD SR FO

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



Polyester Mesh
PU/PU Outsole: F97BGY Black/Grey 38-47, Black/Teal 38-47

- · Composite toe cap
- Pierce resistant composite midsole
- · Suitable for use in ESD environments
- · Dual density sole unit
- · Water resistant upper to prevent water penetration
- · Anti-static footwear



The FE01 Bevel Mid Boot is a modern, textile-based ankle boot, providing both durability and breathability, incorporating a TPU lacing cage and supportive TPU heel counter. This lightweight composite, ESD boot provides great all-round protection.







EURO	UK	USA
38-47	5-12	6-13









FE02 RIDGE COMPOSITE MID BOOT S3S **ESD SR FO**

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



Nubuck

> PU/PU Outsole: F89BKB Black/Blue 35-48

- · Composite toecap for added protection
- · Pierce resistant composite midsole
- · Suitable for use in ESD environments
- · Anti-static footwear
- · Fuel and oil resistant outsole
- · Water resistant upper to prevent water penetration







EURO	UK	USA
35-48	2-13	3-14





FE03 RIDGE COMPOSITE LOW SHOE S3S ESD SR FO

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



Nubuck

PU/PU Outsole: F89BKB |||||||||||X Black/Blue 35-48

- Composite toe cap
- Pierce resistant composite midsole
- · Suitable for use in ESD environments
- · Anti-static footwear
- · Fuel and oil resistant outsole
- · Water resistant upper to prevent water penetration

High abrasion resistant counter







EURO	UK	USA
35-48	2-13	3-14





















335 SAFETY BOOT AND SHOE

NEXT GEN

FE04 GIRDER COMPOSITE MID BOOT S3S ESD SR FO

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



- Composite toe cap
- Pierce resistant composite midsole
- · Suitable for use in ESD environments
- · Anti-static footwear
- · Slip resistant outsole
- · Water resistant upper to prevent water penetration

Enhanced abrasion resistant TPU heel counter







EURO	UK	USA
37-47	4-12	5-13



NEXT GEN

FE05 GIRDER COMPOSITE LOW SHOE S3S ESD SR FO

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



Wear resistant textile > PU/PU Outsole: F94 Black/Green 37-47

- · Composite toe cap
- · Pierce resistant composite midsole
- · Suitable for use in ESD environments
- · Anti-static footwear
- · Fuel and oil resistant outsole
- · Energy absorbing seat region

Reflective tapes enhance visibility in low lighting conditions







37-47 4-12 5-13	EURO	UK	USA
10, 4, 14.12 10.10	37-47	4-12	5-13











FD37 PORTWEST COMPOSITELITE PROTECTOR SAFETY BOOT S3 ESD HRO

EN ISO 20345: 2011 S3 IEC 61340-5-1:2016



Action Nubuck > PU/Rubber Outsole: F77 Black/Blue 39-47

- · Suitable for use in ESD environments
- · Heat resistant outsole 300°C
- · Enhanced tread pattern for a better traction on uneven terrain
- · Angled top line for better fit and leg flexibility
- · Padded collar for added comfort
- · Protective scuff cap







EURO	UK	USA
39-47	6-12	7-13



FD27 PORTWEST COMPOSITELITE PROTECTOR SAFETY SHOE S3 ESD HRO EN ISO 20345: 2011 S3

EN 61340-4-3



Action Nubuck > PU/Rubber Outsole: F77 Black/Blue 39-47

- · Suitable for use in ESD environments
- · Heat resistant outsole 300°C
- · Enhanced tread pattern for a better traction on uneven terrain
- $\cdot\,$ Angled top line for better fit and leg flexibility
- · Padded collar for added comfort
- · Protective scuff cap







EURO	UK	USA
39-47	6-12	7-13























S3S SAFETY BOOT AND SHOE



FC18 APEX COMPOSITE MID BOOT S3S ESD HRO SR SC FO

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



Action Leather

PU/Rubber Outsole: F92

Black/Blue 37-47, Black/Yellow 37-47

- · Suitable for use in ESD environments
- · Heat resistant outsole 300°C
- · Pierce resistant composite midsole
- $\cdot \ \, \text{Composite toe cap}$
- · Water resistant upper to prevent water penetration
- · 100% metal free

Reflective tapes enhance visibility in low lighting conditions









Padded collar provides support and

comfort

EURO	UK	USA
37-47	4-12	5-13

Heavy duty scuff cap

Metal free eyelet loops



√ NEW



FC19 APEX COMPOSITELITE SHOE S3S ESD HRO SR SC FO

EN ISO 20345:2022 S3S IEC 61340-5-1:2016



Action Leather
PU/Rubber Outsole: F92

Black/Blue 37-47, Black/Yellow 37-47

- · Suitable for use in ESD environments
- · Heat resistant outsole 300°C
- · Water resistant upper to prevent water penetration
- · 100% metal free
- · Composite toe cap
- · Pierce resistant composite midsole

Enhanced abrasion resistant TPU heel counter



Composite lite



HRO rubber outsole provides

excellent grip



27 /7 / 12 5 12	EURO	UK	USA
37-47 4-12 3-13	37-47	4-12	5-13



















S3S SAFETY BOOT





S3 SAFETY BOOT

FC17 PORTWEST COMPOSITELITE **MONTANA HIKER BOOT S3 HRO**

EN ISO 20345: 2011 S3



Full-Grain Nubuck Leather → PU/Rubber Outsole: F25 | | X Brown 39-48

- Engineered ankle support
- Back pull-tab for ease of getting onto the foot
- Premium leather upper
- · Bellow tongue construction for better resistance to water penetration
- · Protective scuff cap
- · Heat resistant outsole 300°C











EURO	UK	USA
39-48	6-13	7-14



FC58 PORTWEST COMPOSITELITE **AVICH BOOT S3**

EN ISO 20345: 2011 S3



Action Leather > PU/PU Outsole: F62

- · Lightweight and comfortable
- · Reflective panelling to aid visibility in poorly lit conditions
- · Angled top line for better fit and leg flexibility
- · Composite toecap for added protection
- · Lightweight composite PU cushioned midsole
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces









EURO	UK	USA
39-48	6-13	7-14

















S3 SAFETY BOOT

FW07 PORTWEST COMPOSITELITE **WELDERS BOOT S3 HRO**

EN ISO 20345: 2011 S3



- Protective leather flap to guard against sparks
- Ergonomic quick release buckle
- Flame resistant stitching
- Bellow tongue construction for better resistance to water penetration
- Padded collar for added comfort
- Heat resistant outsole 300°C













EUR0	UK	USA
38-48	5-13	6-14







FD33 STEELITE KUMO FUR LINED BOOT S3 EN ISO 20345: 2011 S3

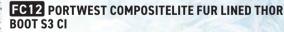


Buffalo Water-Resistant Leather PU/PU Outsole: F56BKR



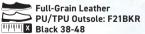
- Padded collar for added comfort
- Bellow tongue construction for better resistance to water penetration
- Cold insulation
- Water resistant upper to prevent water penetration





EN ISO 20345: 2011 S3



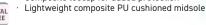




- Fur lined for added warmth and comfort Back pull-tab for ease of getting onto the foot
- Composite toecap for added protection



METAL	
EDEE	
FREE	
FREE	



_		



EURO	UK	USA
36-47	3-12	4-13







FC60 PORTWEST COMPOSITELITE OPERIS BOOT S3 HRO

EN ISO 20345: 2011 S3



Nubuck PU/Rubber Outsole: F52 ||||||||||X Black 37-48, Blue 37-48

- Additional top-eyelet to offer a closer fit
- Back pull-tab for ease of getting onto the foot
- · Leather stitched toe bumper
- · Heat resistant outsole 300°C





FC61 PORTWEST COMPOSITELITE OPERIS SHOE S3 HRO

EN ISO 20345: 2011 S3



Nubuck PU/Rubber Outsole: F52 Black 37-48, Blue 37-48

- Additional top-eyelet to offer a closer fit
- Back pull-tab for ease of getting onto the foot
- Leather stitched toe bumper
- · Pierce resistant composite midsole



EURO	UK	USA
37-48	4-13	5-14



EURO	UK	USA
37-48	4-13	5-14





FC11 PORTWEST COMPOSITELITE THOR BOOT S3 EN ISO 20345: 2011 S3



- Padded collar for added comfort
- Back pull-tab for ease of getting onto the foot
- Composite toecap for added protection
- · Pierce resistant composite midsole





FC44 PORTWEST COMPOSITELITE THOR SHOE S3 EN ISO 20345: 2011 S3



Full-Grain Leather ➤ PU/TPU Outsole: F21

- Premium leather upper
- Padded collar for added comfort
- Composite toecap for added protection
- Pierce resistant composite midsole



EURO	UK	USA
38-48	5-13	6-14



EUR0	UK	USA
38-49	5-14	6-15











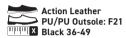


S1P SAFETY BOOT AND SHOE



FC10 PORTWEST COMPOSITELITE SAFETY BOOT S1P

EN ISO 20345: 2011 S1P



- Padded collar for added comfort
- Composite toe cap
- Pierce resistant composite midsole
- · Anti-static footwear



FC14 PORTWEST COMPOSITELITE SAFETY SHOE S1P

EN ISO 20345: 2011 S1P



Action Leather PU/PU Outsole: F21 ■ Black 36-48

- Padded collar for added comfort
- Composite toecap for added protection
- Pierce resistant composite midsole



EURO	UK	USA
36-49	3-14	4-15

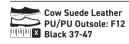


EURO	UK	USA
36-48	3-13	4-14



FC65 PORTWEST COMPOSITELITE TREKKER PLUS BOOT S1P

EN ISO 20345: 2011 S1P



- External 360° chassis system for maximum ankle support
- 100% metal free
- Back pull-tab for ease of getting onto the foot



FC53 PORTWEST COMPOSITELITE **RENO MID CUT BOOT S1P**

EN ISO 20345: 2011 S1P



Cow Suede Leather > PU/PU Outsole: F39 Beige 38-47

- Back pull-tab for ease of getting onto the foot
- Premium suede upper
- Bellow tongue construction for better resistance to water penetration



FC15 PORTWEST COMPOSITELITE **DERWENT BOOT S1P**

EN ISO 20345: 2011 S1P



KPU + Mesh EVA/Rubber Outsole: F53 Black/Grey 36-48

- Direct injected mesh with KPU Cage, providing strength and breathability
- Superbly cushioned comfort foot bed reducing foot fatigue
- Reinforced heel and toe











S1 SAFETY BOOT AND SHOE



FC63 PORTWEST COMPOSITELITE TREKKER BOOT S1

EN ISO 20345: 2011 S1



Cow Suede Leather > PU/PU Outsole: F12

- 3D breathable mesh lining
- Back pull-tab for ease of getting onto the foot
- Suede and textile upper
- · Padded collar for added comfort



FC64 PORTWEST COMPOSITELITE TREKKER SHOE S1

EN ISO 20345: 2011 S1



Cow Suede Leather > PU/PU Outsole: F12

- 3D breathable mesh lining
- Back pull-tab for ease of getting onto the foot
- Suede and textile upper
- · Padded collar for added comfort



EURO	UK	USA
37-48	4-13	5-14



EURO	UK	USA
36-48	3-13	4-14



FC66 PORTWEST COMPOSITELITE TROUPER SHOE S1 EN ISO 20345: 2011 S1



Cow Suede Leather > PU/PU Outsole: F12

- 3D breathable mesh lining
- · Back pull-tab for ease of getting onto the foot
- Suede and textile upper
- · Padded collar for added comfort



FC21 PORTWEST COMPOSITELITE SAFETY BOOT S1 EN ISO 20345: 2011 S1



Action Leather PU/PU Outsole: F21

- Padded collar for added comfort
- Composite toecap for added protection
- Anti-static footwear
- · Energy absorbing seat region



EURO	UK	USA
36-48	3-13	4-14



EURO	UK	USA
36-49	3-14	4-15





S3 SAFETY BOOT

FT42 STEELITE WOMEN'S HIKER BOOT EN ISO 20345: 2011 S3



- · Women's specialised fit
- · Full-grain nubuck leather
- · Padded collar for added comfort
- Back pull-tab for ease of getting onto the foot
- · Water resistant upper to prevent water penetration
- · Protective steel toecap







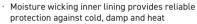
EURO	UK	USA
36-42	3-8	4-9
36-42	3-8	4-9

FD11 FOYLE SAFETY BOOT S3 HRO CI HI FO

EN ISO 20345: 2011 S3



Full-Grain Leather PU/Rubber Outsole: F47 Black 38-48



- Direct injected PU/Rubber outsole for supreme grip and energy absorption
- Back pull-tab for ease of getting onto the foot
- · Innovative outsole flex zones increase flexibility and stability for excellent support and comfort with every step
- · Heat resistant outsole 300°C
- Protective steel toecap



	1
38-48 5-13 6-14	,





FT71 SAFETY DEALER BOOT S3

EN ISO 20345: 2011 S3



Full-Grain Cow Leather PU/PU Outsole: F47 Black 38-48, Wheat 38-48

- · Elasticated gussets to ease foot entry
- Protective TPU scuff cap for high impact
- Back and front pull-tab for ease of getting onto the
- Steel toe cap
- Pierce resistant steel midsole
- Full grain leather







EURO	UK	USA
38-48	5-13	6-14





S3 SAFETY BOOT

FW65 STEELITE TASKFORCE BOOT S3 HRO



- · Lightweight dual density EVA and rubber outsole
- · Breathable inner lining
- · Padded collar for added comfort
- · Angled top line for better fit and leg flexibility
- · Back pull-tab for ease of getting onto the foot
- · Pierce resistant steel midsole







EURO	UK	USA
37-48	4-13	5-14

FD15 EDEN SAFETY BOOT S3 HRO CI HI FO

EN ISO 20345: 2011 S3



- · Moisture wicking inner lining provides reliable protection against cold, damp and heat
- Robust internal-leg zip for enhanced comfort
- · Protective TPU scuff cap for high impact
- Innovative outsole flex zones increase flexibility and stability for excellent support and comfort with every
- Direct injected PU/rubber outsole for supreme grip and energy absorption.
- · Heat resistant outsole 300°C



EURO	UK	USA
38-48	5-13	6-14





FD10 CLYDE SAFETY BOOT S3 HRO CI HI FO EN ISO 20345: 2011 S3



- · Moisture wicking inner lining provides reliable protection against cold, damp and heat
- Protective TPU scuff cap for high impact
- · Innovative outsole flex zones increase flexibility and stability for excellent support and comfort with every
- Direct injected PU/rubber outsole for supreme grip and energy absorption.
- Heat resistant outsole 300°C
- · Cold insulation



EURO	UK	USA
38-48	5-13	6-14























S3 SAFETY BOOT AND SHOE

FW32 STEELITE CONSTRUCTION NUBUCK BOOT S3 HR0

EN ISO 20345: 2011 S3



Full-Grain Nubuck Leather > Phylon/Rubber Outsole: F08 Black 39-47, Honey 39-47

- · Full-grain nubuck leather
- · Phylon and Rubber outsole offering lightweight and durable performance.
- High wicking breathable mesh lining
- · Padded collar for added comfort
- · Heat resistant outsole 300°C
- · Water resistant upper to prevent water penetration





EURO	UK	USA
39-47	6-12	7-13

FW69 STEELITE MUSTANG BOOT S3

EN ISO 20345: 2011 S3



Crazy Horse Leather PU/TPU Outsole: F12

- 360 degree rubber external chassis system
- Premium oiled leather upper
- Back pull-tab for ease of getting onto the foot
- · Angled top line for better fit and leg flexibility
- Dual density outsole
- · Water resistant upper to prevent water penetration





EURO	UK	USA
38-48	5-13	6-14

FW59 STEELITE MUSTANG SHOE S3

EN ISO 20345: 2011 S3



Crazy Horse Leather PU/TPU Outsole: F12 Brown 38-48

- · Protective heel guard
- Premium oiled leather upper
- · Back pull-tab for ease of getting onto the foot
- Dual density outsole
- · Water resistant upper to prevent water penetration
- · Pierce resistant steel midsole







EURO	UK	USA
38-48	5-13	6-14





S3 SAFETY BOOT AND SHOE

FW05 STEELITE FUR LINED PROTECTOR BOOT S3 CI

EN ISO 20345: 2011 S3



- · Fur lined for added warmth and comfort
- · Bellow tongue construction for better resistance to water penetration
- Back pull-tab for ease of getting onto the foot
- · Protective scuff cap
- · Cold insulation
- · Protective steel toecap







EURO	UK	USA
37-48	4-13	5-14

FW23 STEELITE KUMO BOOT S3

EN ISO 20345: 2011 S3



Buffalo Water-Resistant Leather PU/PU Outsole: F64 ||||||||||X Black 36-50

- Padded collar for added comfort
- Slip, fuel and oil resistant rubber outsole
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- · Water resistant upper to prevent water penetration







EURO	UK	USA
36-50	3-15	4-16

FW43 STEELITE KUMO SHOE S3

EN ISO 20345: 2011 S3



Buffalo Water-Resistant Leather > PU/PU Outsole: F64

- · Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces
- · Water resistant upper to prevent water penetration







EURO	UK	USA
37-49	4-14	5-15



S3 SAFETY BOOT AND SHOE

FD03 STEELITE PROTECTOR PLUS BOOT S3 HR0

EN ISO 20345: 2011 S3



- · Padded collar for added comfort
- · Heat resistant outsole 300°C
- · Water resistant upper to prevent water penetration
- · Protective steel toecap
- · Pierce resistant steel midsole
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces







E	URO	UK	USA
3	8-48	5-13	6-14

FW11 STEELITE THOR BOOT S3

EN ISO 20345: 2011 S3



- Premium leather upper
- Back pull-tab for ease of getting onto the foot
- · Padded collar for added comfort
- · Angled top line for better fit and leg flexibility
- · Water resistant upper to prevent water penetration
- · Pierce resistant steel midsole







EURO U	K	USA
37-48 4	-13	5-14

FW44 STEELITE THOR SHOE S3

EN ISO 20345: 2011 S3



Full-Grain Leather PU/TPU Outsole: F02 ■ Black 36-47

- · Premium leather upper
- · Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- · Water resistant upper to prevent water penetration







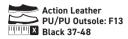
EURO	UK	USA
36-47	3-12	4-13





S3 SAFETY BOOT

FW03 STEELITE B00T S3 EN ISO 20345: 2011 S3



- Back pull-tab for ease of getting onto the foot
- · Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Water resistant upper to prevent water penetration
- · Anti-static footwear







EURO	UK	USA
37-48	4-13	5-14

FW24 STEELITE KUMO BOOT SCUFF

EN ISO 20345: 2011 S3



Action Leather PU/PU Outsole: F56

- · Protective scuff cap
- · Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Water resistant upper to prevent water penetration
- · Anti-static footwear







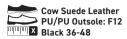
	•	USA
36-48 3-	13	4-14



S1P SAFETY BOOT AND SHOE

FT63 STEELITE TROUPER BOOT S1P

EN ISO 20345: 2011 S1P



- · Popular workwear classic
- · Suede and textile upper
- Breathable inner lining
- · Back pull-tab for ease of getting onto the foot
- · Leather stitched toe bumper
- · Pierce resistant steel midsole







EURO	UK	USA
36-48	3-13	4-14



EN ISO 20345: 2011 S1P



Cow Suede Leather > PU/PU Outsole: F12 □□□□□ X Black 36-48

- · Popular workwear classic
- · Suede and textile upper
- Breathable inner lining
- · Back pull-tab for ease of getting onto the foot
- · Leather stitched toe bumper
- · Pierce resistant steel midsole







EURO	UK	USA
36-48	3-13	4-14

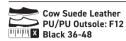






S1P SAFETY BOOT AND SHOE

FW63 STEELITE TREKKER BOOT S1P EN ISO 20345: 2011 S1P



- · 3D breathable mesh lining
- · Available in unisex sizing
- · Back pull-tab for ease of getting onto the foot
- Suede and textile upper
- · Padded collar for added comfort
- · Made with cow suede leather for a premium finish







l	EURO	UK	USA
	36-48	3-13	4-14

FW64 STEELITE TREKKER SHOE S1P

EN ISO 20345: 2011 S1P



- · 3D breathable mesh lining
- Available in unisex sizing
- Back pull-tab for ease of getting onto the foot
- Suede and textile upper
- Padded collar for added comfort
- · Made with cow suede leather for a premium finish



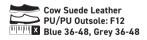




EURO	UK	USA
36-48	3-13	4-14

FW02 STEELITE PERFORATED SHOE S1P

EN ISO 20345: 2011 S1P



- · Perforated upper aiding air circulation in hot environments
- · Premium suede upper
- · Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces





EURO	UK	USA
36-48	3-13	4-14



S1P SAFETY BOOT AND SHOE

FW10 STEELITE PROTECTOR BOOT S1P EN ISO 20345: 2011 S1P



- · Padded collar for added comfort
- · Improved sole unit
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- · Energy absorbing seat region







EURO	UK	USA
35-52	2-17	3-18

FW09 STEELITE PROTECTOR BOOT **SCUFF CAP S1P**

EN ISO 20345: 2011 S1P



Split Leather
PU/PU Outsole: F12

- · Protective scuff cap
- Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- · Energy absorbing seat region







EURO	UK	USA
36-48	3-13	4-14

FW14 STEELITE PROTECTOR SHOE S1P

EN ISO 20345: 2011 S1P



Split Leather PU/PU Outsole: F64 ■ Black 35-52

- · Padded collar for added comfort
- · Improved sole unit
- · Protective steel toecap
- · Pierce resistant steel midsole
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces
- · Anti-static footwear







EURO	UK	USA
35-52	2-17	3-18





AND SHOE

FW51 PORTWEST DEALER BOOT S1P EN ISO 20345: 2011 S1P



Semi-Grain Leather / Crazy Horse Leather > PU/PU Outsole: F02

Brown 38-48

- · Elasticated gussets to ease foot entry
- · Back pull-tab for ease of getting onto the foot
- Premium leather upper
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear





EURO	UK	USA
38-48	5-13	6-14

FW85 STEELITE ULTRA SAFETY SHOE S1P

EN ISO 20345: 2011 S1P



Split Leather
PU/PU Outsole: F04

- · Padded collar for added comfort
- Bellow tongue construction for better resistance to
- water penetration
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- $\cdot\,$ SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces







EURO	UK	USA
38-48	5-13	6-14

FW25 STEELITE SAFETY TRAINER S1P

EN ISO 20345: 2011 S1P



Action Leather > PU/PU Outsole: F12

- · Padded collar for added comfort
- · Protective steel toecap
- · Pierce resistant steel midsole
- · Anti-static footwear
- $\cdot\,$ SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces
- · Energy absorbing seat region







EURO	UK	USA
36-48	3-13	4-14

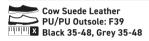


S1 AND SB SAFETY BOOT AND SHOE



FW42 STEELITE OBRA SANDAL S1

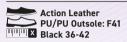
EN ISO 20345: 2011 S1



- Superbly cushioned comfort foot bed reducing foot fatigue
- Adjustable webbing strap for better fit and comfort
- Back pull-tab for ease of getting onto the foot
- · Suede and textile upper



FW41 STEELITE WOMEN'S SAFETY SHOE S1 EN ISO 20345: 2011 S1



- · Perforated upper aiding air circulation in hot environments
- Padded collar for added comfort
- Protective steel toecap
- · Anti-static footwear



EURO	UK	USA
35-48	2-13	3-14



EUR0	UK	USA
36-42	3-8	4-9



FW21 STEELITE SAFETY BOOT S1

EN ISO 20345: 2011 S1



- · Padded collar for added comfort
- · Improved sole unit
- Protective steel toecap
- · Anti-static footwear



FW26 STEELITE AIR CUSHION SAFETY SHOE SB EN ISO 20345: 2011 SB



Full-Grain Leather > PVC Outsole: F09

- Cemented outsole construction
- Padded collar for added comfort
- Premium leather upper
- Protective steel toecap



EURO	UK	USA
35-49	2-14	3-15



EURO	UK	USA
39-47	6-12	7-13







SBP SAFETY BOOTS



FW31 STEELITE MID CUT NUBUCK BOOT SB HRO

EN ISO 20345: 2011 SB



Full-Grain Nubuck Leather Phylon/Rubber Outsole: F08 Black 38-48, Honey 38-48

- · Full-grain nubuck leather
- Phylon and Rubber outsole offering lightweight and durable performance.
- High wicking breathable mesh lining
- · Padded collar for added comfort



FW35 STEELITE WELTED PLUS SAFETY BOOT SBP HRO

EN ISO 20345: 2011 SBP



Full-Grain Nubuck Leather Rubber Outsole: F07 Honey 39-48

- Heel kick for ease of removal
- Good year welted outsole construction
- Back pull-tab for ease of getting onto the foot
- · Perforated upper aiding air circulation in hot environments



EURO	UK	USA
38-48	5-13	6-14



EURO	UK	USA
39-48	6-13	7-14



FW16 STEELITE WELTED SAFETY BOOT SBP HRO

EN ISO 20345: 2011 SBP



Action Leather Rubber Outsole: F07

- · Padded collar for added comfort
- · Good year welted outsole construction
- Back pull-tab for ease of getting onto the foot
- · Slip, fuel and oil resistant rubber outsole



FW17 STEELITE WELTED SAFETY BOOT SB HRO EN ISO 20345: 2011 SB



Full Grain Crazy Horse/Full Grain Nubuck Leather Rubber Outsole: F07 Brown 39-48, Honey 39-48

- Back pull-tab for ease of getting onto the foot
- Slip, fuel and oil resistant rubber outsole
- · Heat resistant outsole 300°C

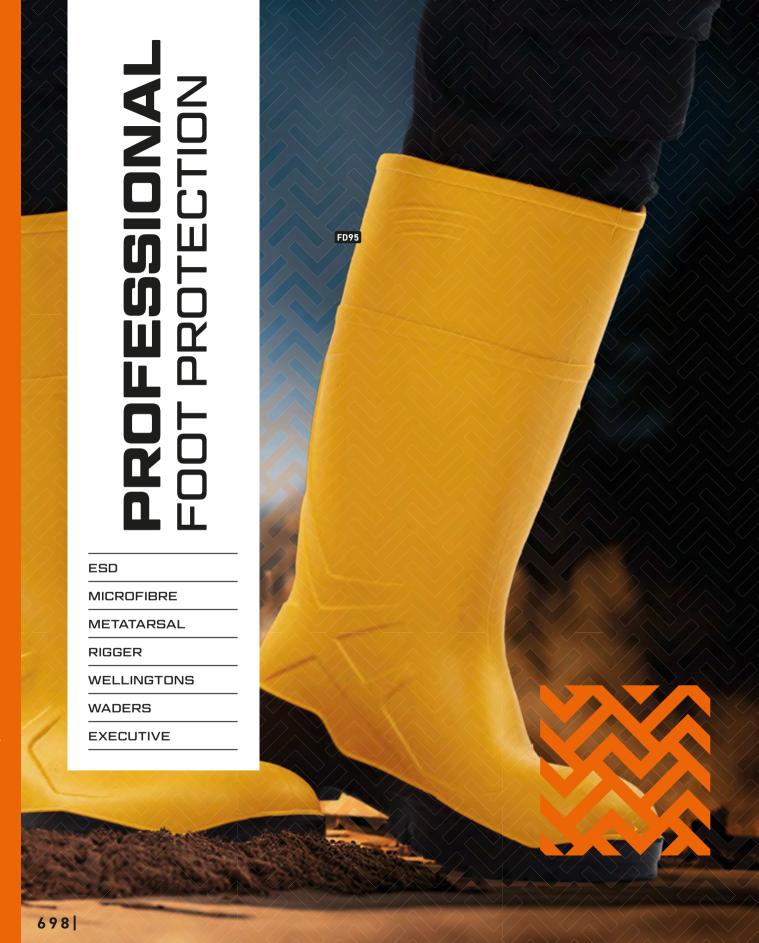


EURO	UK	USA
39-48	6-13	7-14



EUR0	UK	USA
39-48	6-13	7-14









ESD SHOE, SANDAL AND CLOG

FC01 PORTWEST COMPOSITELITE ESD **LACED SAFETY SHOE S2**

EN ISO 20345: 2011 S2 IEC 61340-5-1:2016



Water-Resistant Microfibre PU/PU Outsole: F46

- Padded collar for added comfort
- · Water resistant upper to prevent water penetration
- Suitable for use in ESD environments
- · 100% non-metallic
- · Anti-static footwear
- · Energy absorbing seat region







EURO	UK	USA
36-47	3-12	4-13

FT62 PORTWEST COMPOSITELITE ESD **TEES TRAINER S1P**

EN ISO 20345: 2011 S1P IEC 61340-5-1:2016



Nvlon Mesh EVA/Rubber Outsole: F48 |||||||X Black 40-47

- 3D breathable mesh lining
- Lightweight dual density EVA and rubber outsole
 Padded collar for added comfort
- Composite toe cap
- · Lightweight composite PU cushioned midsole
- · Energy absorbing seat region







EURO	UK	USA
40-47	6.5-12	7.5-13

FC04 PORTWEST COMPOSITELITE ESD **TAGUS SANDAL S1P**

EN ISO 20345: 2011 S1P IEC 61340-5-1:2016



Action Nubuck PU/PU Outsole: F39

- · Adjustable webbing strap for better fit and comfort
- Back pull-tab for ease of getting onto the foot · Perforated upper aiding air circulation in hot environments
- Padded collar for added comfort
- · Back pull-tab for ease of getting onto the foot
- · Pierce resistant composite midsole



EURO	UK	USA
36-48	3-13	4-14











ESD SHOE, TRAINER AND SANDAL

FC02 PORTWEST COMPOSITELITE ESD **LEATHER SAFETY SHOE S1**

EN ISO 20345: 2011 S1 IEC 61340-5-1:2016



Action Leather PU/PU Outsole: F39

- Composite toecap for added protection
- · Suitable for use in ESD environments
- 100% non-metallic
- Energy absorbing seat region
- SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces
- Anti-static footwear





EURO	UK	USA
37-47	4-12	5-13

FW48 STEELITE ESD EBRO SAFETY **SANDAL S1 CLASS 3**

EN ISO 20345: 2011 S1 IEC 61340-5-1:2016



Water-Resistant Microfibre > PU Outsole: F40 White 34-49

- Self-cleaning outsole which prevents cross contamination
- · Perforated upper aiding air circulation in hot environments
- · Wipe clean upper
- · Adjustable hook and loop strap for better fit and comfort
- Available in unisex sizing
- Suitable for use in ESD environments









FC03 PORTWEST COMPOSITELITE ESD PERFORATED SAFETY CLOG SB AE

EN ISO 20345: 2011 SB IEC 61340-5-1:2016



Water-Resistant Microfibre PU/PU Outsole: F46 Black 35-48, White 35-48

- Slip-on silhouette
- Adjustable elastic heel strap
- Perforated upper aiding air circulation in hot environments
- Wipe clean upper
- Self-cleaning outsole preventing cross contamination
- · Composite toecap for added protection



1	EURO	UK	USA
	35-48	2-13	3-14









FD61 PORTWEST COMPOSITELITE LACED SAFETY SHOE

EN ISO 20345: 2011 S2



Water-Resistant Microfibre > PU/PU Outsole: F50

- · Padded collar for added comfort
- · Vegan friendly footwear
- · Anti-bacterial treated, perforated insole to help keep your feet fresh and clean
- Composite toecap for added protection
- Water resistant upper to prevent water penetration
- · Anti-static footwear









EURO	UK	USA
36-48	3-13	4-14



FD62 PORTWEST COMPOSITELITE SLIP ON SAFETY TRAINER

EN ISO 20345: 2011 S2



Water-Resistant Microfibre > PU/PU Outsole: F50 Black 36-48, White 36-48

- Padded collar for added comfort
- · Wipe clean upper
- · Anti-bacterial treated, perforated insole to help keep your feet fresh and clean
- · Vegan friendly footwear
- · Composite toecap for added protection
- · Water resistant upper to prevent water penetration









EURO	UK	USA
36-48	3-13	4-14















S2 MICROFIBRE BOOT AND SHOE



Slip resistant and self-cleaning outsole which prevents cross contamination due to debris being lodged in the sole tread of the footwear, specially designed for clean room, medical and food industries.



FW88 STEELITE ALBUS LACED BOOT S2

EN ISO 20345: 2011 S2



- Self-cleaning outsole which prevents cross contamination
- Padded collar for added comfort
- Wipe clean upper
- Available in unisex sizing
- Specially designed for Clean Room, Medical and Food Industries
- Protective steel toecap

Steelite



FW80 STEELITE LACED SAFETY SHOE S2

Water-Resistant Microfibre



- Self-cleaning outsole which prevents cross contamination
- Padded collar for added comfort
- Wipe clean upper
- Available in unisex sizing
- Protective steel toecap
- Anti-static footwear





EURO	UK	USA
34-49	1-14	2-15



EURO

35-49

UK

FW83 STEELITE SLIP ON SAFETY BOOT S2

EN ISO 20345: 2011 S2

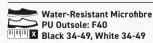


- Self-cleaning outsole which prevents cross contamination
- Padded collar for added comfort
- · Wipe clean upper
- · Slip-on silhouette
- · Available in unisex sizing
- · Machine washable to 30°C



FW81 STEELITE SLIP ON SAFETY SHOE S2

EN ISO 20345: 2011 S2



- Self-cleaning outsole which prevents cross contamination
- Padded collar for added comfort
- Wipe clean upper
- Slip-on silhouette
- Available in unisex sizing
- Machine washable to 30°C











EURO	UK	USA
34-49	1-14	2-15

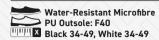




SB AND 02 MICROFIBRE CLOG AND SHOE

FW82 STEELITE SAFETY CLOG SB

EN ISO 20345: 2011 SB



- Self-cleaning outsole preventing cross contamination
- Padded collar for added comfort
- · Wipe clean upper
- · Detachable strap
- · Available in unisex sizing
- Machine washable to 30°C













EURO	UK	USA
34-49	1-14	2-15



02 OCCUPATIONAL

FW58 OCCUPATIONAL SLIP ON SHOE 02

EN ISO 20347:2012 02



Water-Resistant Microfibre > PU Outsole: F40 White 34-48

- · Self-cleaning outsole which prevents cross contamination
- · Padded collar for added comfort
- · Wipe clean upper
- · Slip-on silhouette
- · Available in unisex sizing
- · Water resistant upper to prevent water penetration







EURO	
34-48	

SHARED FEATURES

USA



S5 METATARSAL WELLINGTON







- · Integrated flexible meta-guard for optimum flexibility and metatarsal protection
- · Reinforced ankle protection
- Kick spur
- Enhanced tread pattern for a better traction on uneven terrain
- · Fibreglass toecap
- Pierce resistant composite midsole







FD85

EURO	UK	USA
37-48	4-13	5-14



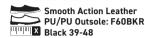


S3 METATARSAL BOOT

Thin, flexible, soft to the touch and comfortable when worn, XRD® Protection Technology firms upon impact to form a protective shell around the wearer. The molecular structure of this innovative technology is engineered to provide consistent performance and impact absorption even after repeated impacts and long-term use.

FD17 STEELITE MET PROTECTOR BOOT

EN ISO 20345: 2011 S3



- · XRD Poron technology for ultimate metatarsal protection
- · Angled top line for better fit and leg flexibility
- · Padded collar for added comfort
- · Integrated superior metatarsal protection for heavy duty industries
- · Water resistant upper to prevent water penetration
- · SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces









EURO	UK	USA
39-48	6-13	7-14

XRD® Protection Technology



FW22 STEELITE METATARSAL BOOT S3

EN ISO 20345: 2011 S3



Split Leather
PU/Rubber Outsole: F42BKR

- · Protective leather flap to guard against sparks
- · Flame resistant stitching
- Integrated superior metatarsal protection for heavy duty industries
- · Padded collar for added comfort
- · Slip, fuel and oil resistant rubber outsole
- · Heat resistant outsole 300°C









EURO	UK	USA
38-48	5-13	6-14







S3 RIGGER BOOT





FC16 PORTWEST COMPOSITELITE INDIANA **RIGGER BOOT S3**

EN ISO 20345: 2011 S3

Buffalo Grain Oil Leather PU/Rubber Outsole: F47 X Brown 38-48



- · Premium leather upper
- Unlined
- · Dual density outsole
- · Side pull-tabs





FW29 STEELITE RIGGER BOOT SCUFF CAP S3 CI

EN ISO 20345: 2011 S3



Buffalo Leather > PU/PU Outsole: F03 Black 38-48, Tan 38-48



- Fur lined for added warmth and comfort
- Protective scuff cap
- Side pull-tabs
- Water resistant upper to prevent water penetration







EURO	UK	USA
38-48	5-13	6-14











Action Leather > PU/Rubber Outsole: F19



- Fur lined for added warmth and comfort Protective TPU scuff cap for high impact
- Reinforced ankle protection
- · Kick spur





FT13 STEELITE RIGGER BOOT PRO S3 CI

EN ISO 20345: 2011 S3



Action Leather > PU/PU Outsole: F03 Tan 38-48

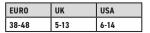


- · Fur lined for added warmth and comfort
- · Protective TPU scuff cap for high impact
- · Reinforced ankle protection
- · Kick spur



EURO	UK	USA
38-48	5-13	6-14









S1P RIGGER BOOT

FW12 STEELITE RIGGER BOOT S1P CI

EN ISO 20345: 2011 S1P



- · Fur lined for added warmth and comfort
- · Dual density outsole
- · Side pull-tabs
- · Heat resistant outsole 300°C
- · Cold insulation
- · Pierce resistant steel midsole



EURO	UK	USA
38-48	5-13	6-14

USA

6-14





FW13 STEELITE RIGGER BOOT S1P CI (WITH SCUFF CAP)

EN ISO 20345: 2011 S1P



Action Leather PU/PU Outsole: F03 Black 38-48, Tan 37-48

- · Fur lined for added warmth and comfort
- · Protective scuff cap
- · Side pull-tabs
- · Cold insulation
- · Pierce resistant steel midsole
- · Protective steel toecap







FW06 STEELITE RIGGER BOOT S1P HRO (UNLINED)

EN ISO 20345: 2011 S1P



Action Leather PU/Rubber Outsole: F19

- · Unlined
- · Dual density outsole
- · Side pull-tabs
- · Heat resistant outsole 300°C
- · Protective steel toecap
- · Pierce resistant steel midsole



EURO	UK	USA
38-48	5-13	6-14





PU WELLINGTON

FD95 PU SAFETY WELLINGTON S5 CI FO

EN ISO 20345: 2011 S5



PU Outsole: F35

Black 39-48. Green 39-48. Yellow 39-48

- · Excellent cold insulation properties down to -17 dearees
- Fully waterproof
- Enhanced tread pattern for a better traction on uneven terrain
- Additional orthopedic, washable, antibacterial, removable footbeds with arch support and shock absorbing heel cushioning
- · Cold insulation
- · Protective steel toecap



EURO	UK	USA
39-48	6-13	7-14





FD84 PU FOOD WELLINGTON S4 CI FO

EN ISO 20345: 2011 S4



PU Outsole: F35 White 39-48

- Excellent cold insulation properties down to -17 degrees
- Fully waterproof
- · Enhanced tread pattern for a better traction on uneven terrain
- · Additional orthopedic, washable, antibacterial, removable footbeds with arch support and shock absorbing heel cushioning
- · Protective steel toecap
- · Fuel and oil resistant outsole



EURO	UK	USA
39-48	6-13	7-14





FD90 PU NON SAFETY WELLINGTON 04 CI FO SRC

EN ISO 20347:2012 04



PU Outsole: F35 Green 39-48

- Excellent cold insulation properties down to -17 degrees
- Fully waterproof
- Enhanced tread pattern for a better traction on uneven terrain
- Additional orthopedic, washable, antibacterial, removable footbeds with arch support and shock absorbing heel cushioning
- Anti-static footwear
- Energy absorbing seat region



EURO	UK	USA
39-48	6-13	7-14









PVC WELLINGTON











FW95 TOTAL SAFETY WELLINGTON S5

EN ISO 20345: 2011 S5 EN 13832-3: 2018





PVC/Nitrile > PVC/Nitrile Outsole: F06 Black 36-49, White 36-48 Green 36-48

- · Kick spur
- · Reinforced ankle protection
- · Fully waterproof
- · Dual density PVC/Nitrile construction



FW94 CLASSIC SAFETY WELLINGTON S4

EN ISO 20345: 2011 S4 EN 13832-3: 2018



PVC/Nitrile > PVC/Nitrile Outsole: F06

- · Kick spur
- · Reinforced ankle protection

FW90 PVC WELLINGTON 04

> PVC Outsole: F36

· Energy absorbing seat region

EN ISO 20347:2012 04

Green 39-48

| Black 37-48 · Fully waterproof

· Anti-static footwear

- · Chemical resistant
- · Fully waterproof



EURO	UK	USA	
36-49	3-14	4-15	



EURO	UK	USA
36-48	3-13	4-14









FW84 SAFETY FOOD WELLINGTON S4

EN ISO 20345: 2011 S4 EN 13832-3: 2018



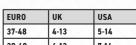
PVC/Nitrile PVC/Nitrile Outsole: F06 White 36-48

- · Kick spur
- · Reinforced ankle protection
- · Fully waterproof
- · Protective steel toecap

EURO	UK	USA
36-48	3-13	4-14



Kick spur









S5 SAFETY WADER







FW71 SAFETY WAIST WADER S5

EN ISO 20345: 2011 S5



PVC/Nitrile > PVC/Nitrile Outsole: F06

- · Protective steel toecap
- Pierce resistant steel midsoleAnti-static footwear
- · Energy Absorbing Seat Region
- · 100% Waterproof to keep feet dry
- SRC Slip resistant outsole to prevent slips and trips on ceramic and steel surfaces

FW74 SAFETY CHEST WADER S5 EN ISO 20345: 2011 S5



PVC/Nitrile
PVC/Nitrile Outsole: F06

- · Adjustable waist and straps
- Stainless steel eyelets
- Kick spur
- · Colour coded red outsole for easy identifications of safety features
- · 100% Waterproof to keep feet dry
- · Pierce resistant steel midsole



EURO	UK	USA
37-47	4-12	5-13



EURO	UK	USA
37-48	4-13	5-14





S5 SAFETY BOOT

FW75 NEPTUNE RIGGER BOOT S5 CI

EN ISO 20345: 2011 S5 EN 13832-3: 2018



> PVC/Nitrile Outsole: F06 | X Black 36-49, Tan 36-49

- · Fur lined for added warmth and comfort
- · Kick spur
- · Reinforced ankle protection
- · Chemical resistant
- · 100% Waterproof to keep feet dry
- · Cold insulation



Fur Lined For Extra Warmth









EURO	UK	USA
36-49	3-14	4-15



FW45 PVC B00T S5 EN ISO 20345: 2011 S5



> PVC Outsole: F44 ||||||||||X Black 38-47

- · Bellow tongue construction for better resistance to
- water penetration
- · Protective scuff cap
- · Protective steel toecap
- · Pierce resistant steel midsole
- · 100% Waterproof to keep feet dry
- trips on ceramic surfaces









S1P EXECUTIVE SHOE

FW47 STEELITE EXECUTIVE OXFORD SHOE S1P

EN ISO 20345: 2011 S1P



Full-Grain Leather PU/PU Outsole: F14 □□□□■X Black 39-47

- · Premium leather upper
- · Oxford style
- · Padded collar for added comfort
- · Breathable, high-wicking, moisture management
- · Protective steel toecap
- · Pierce resistant steel midsole







EURO	UK	USA
39-47	6-12	7-13



EN ISO 20345: 2011 S1P



Full-Grain Leather PU/PU Outsole: F14 ||||||||||X Black 39-47

- · Premium leather upper
- · Brogue style
- · Padded collar for added comfort
- · Breathable, high-wicking, moisture management
- · Protective steel toecap
- · Pierce resistant steel midsole







EURO	UK	USA
39-47	6-12	7-13

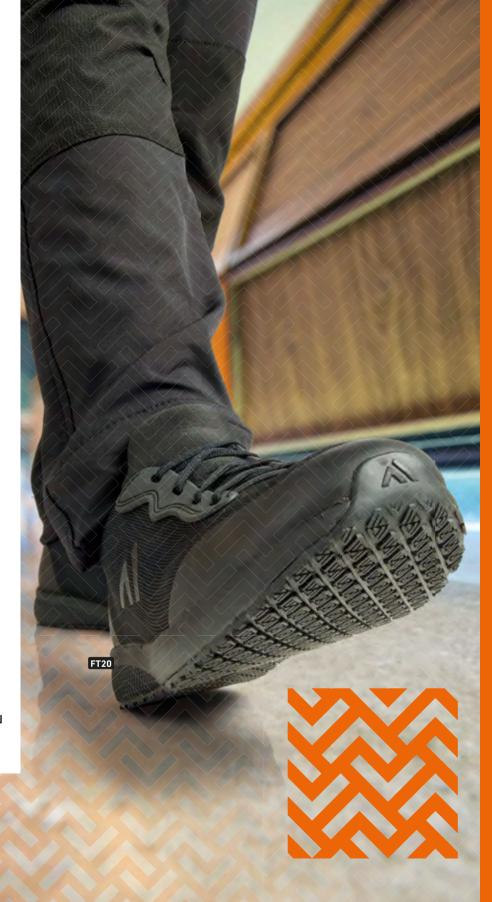






DCCUPATIONALFOOT PROTECTION **PORTWEST OCCUPATIONAL** STYLES ARE

PORTWEST
OCCUPATIONAL
FOOT PROTECTION
STYLES ARE
LIGHTWEIGHT AND
DURABLE OFFERING
ALL DAY COMFORT,
WITH EXCELLENT
SLIP RESISTANCE,
ENERGY ABSORPTION
AND ANTI-STATIC
PROPERTIES.







07S BOOT



FC26 PATROL OCCUPATIONAL BOOT 07S SR FO SC HRO EN ISO 20347:2022 07S



- · Waterproof membrane for dry foot comfort
- · Pierce resistant composite midsole
- · 100% metal free
- \cdot Energy absorbing seat region
- · Heat resistant outsole 300°C
- · Water resistant upper to prevent water penetration



PRODUCT FEATURES

The FC26 Patrol Boot is a tough, durable occupational style. The smart action leather and durable nylon rip-stop upper materials offer protection and breathability, the scuff guard protects the toes, and the high ankle is thickly padded to offer protection and comfort around the ankle. These boots come complete with underfoot, pierce-resistant insoles and semi-permeable membrane linings, and a bellows tongue construction ensures that keep your feet dry and comfortable. Built upon a cushioned PU midsole and durable, cleated rubber outsoles, these metal free patrol boots are an excellent choice.







EURO	UK	USA
36-48	3-13	4-14



OB LITE TRAINER



BOOT, SHOE AND TRAINER









Split Leather > PU/PU Outsole: F64 X Black 37-48

- Padded collar for added comfort
- Improved sole unit
- Anti-static footwear
- · Energy absorbing seat region





FW19 WORK SHOE 01 EN ISO 20347:2012 01



Split Leather PU/PU Outsole: F64 X Black 36-48



- Padded collar for added comfort
- Improved sole unit
- · Anti-static footwear
- · Energy absorbing seat region



EURO	UK	USA	
37-48	4-13	5-14	



EURO	UK	USA
36-48	3-13	4-14



FW40 LIMES HIKER BOOT



Cow Suede EVA/Rubber Outsole: F28

- · Premium suede upper
- · Heel kick for ease of removal
- · Leather stitched toe bumper
- · Back and front pull-tab for ease of getting onto the foot



FW67 NEBRASKA LOW CUT TRAINER



PU/Mesh Phylon/Rubber Outsole: F45

- Specially considered upper materials to aid in high abrasion areas, performance and stability
 - Leather stitched toe bumper
- Phylon and Rubber outsole offering lightweight and durable performance.
- Back pull-tab for ease of getting onto the foot



EURO	UK	USA
39-47	6-12	7-13



EURO	UK	USA
39-47	6-12	7-13

INSOLES AND ACCESSORIES











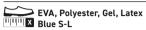


FC90 GEL CUSHIONING INSOLE



- Shock Absorbing
- Gel cushioning in high impact areas
- Available in 3 standard sizes that can be trimmed to fit your ideal shoe size
- · Energy absorbing seat region
- Retail box which aids presentation for retail sales

FC81 ULTIMATE COMFORT INSOLE



- Perforated forepart
- Gel cushioning in high impact areas
- Available in 3 standard sizes that can be trimmed to fit your ideal shoe size
- Energy absorbing seat region
- Retail bag which aids presentation for retail sales

FC82 GEL CUSHION & ARCH SUPPORT INSOLE



Polyurethane, Nylon, Gel, TPU, Polyester

- Arch support helps support the foot and provides maximum comfort
- Perforated forepart
- Gel cushioning in high impact areas
- Energy absorbing seat region
- Retail bag which aids presentation for retail sales



FC86 ACTIFRESH INSOLE



Cotton, Latex White One Size

- 3mm thickness
- Anti-bacterial treated, perforated insole to help keep your feet fresh and clean
- · Foam cushioned for added comfort
- · Trim to size for the perfect fit
- · Retail bag which aids presentation for retail sales



FC87 MEMORY FOAM INSOLE



Memory Foam White One Size

- 10mm thickness
- Ergonomically designed insole moulds to the individual's foot shape
- Provides all day comfort and support
- · Trim to size for the perfect fit
- · Retail bag which aids presentation for retail sales



FC88 THERMAL ALUMINIUM INSOLE



> Fleece, Latex Grey One Size

- 5mm thickness
- Special aluminium layer retains heat and repels cold
- Wool/polyester layer for added warmth and comfort
- Trim to size for the perfect fit
- · Retail bag which aids presentation for retail sales



FL02 STEELITE 150CM BOOTLACE (12PAIRS)



300D Polyester Black One Size

- · 150cm length
- Retail bag which aids presentation for retail sales



FC94 NON SLIP ICE GRABBER



- Steel spikes
- Retail bag which aids presentation for retail sales



SOCKS



SK05 RECYCLED TRAINER

42% Polyester, 33% Polyamide, 23% Viscose, 2% Elastane Black 39-43,44-48

- Soft and comfortable
- Reinforced heel and toe area for added durability
- Ribbed collar



SK22 MODAFLAME WORK SOCK

EN ISO 14116 EN 1149 -3

Modaflame™ Knit: 50% Modacrylic, 16% Recycled Cotton, 14% Cotton, 18% Polyamide, 2% Carbon Fibre Navy 39-43, 44-48

· Sock height 25cm



SK20 MODAFLAME SOCK EN ISO 14116 EN 1149 -3

Modaflame™ Knit: 48% Modaflame, 32% Cotton, 20% Polyester, Knit Black 39-43, 44-48

- Sock height 25cm
- Retail tag which aids presentation for retail sales





SK21 ESD WORK SOCK EN 1149 -5

44% Polyester, 28% Polyamide, 25% Cotton, 1% Carbon, 2% Elastane □□□□□X Black 39-43,44-48

- Height 25cm
- Reinforced heel and toe area providing optimum comfort
- Reinforced with conductive yarn



SK34 WINTER MERINO



65% Wool, 35% Nylon Black 39-43,44-48

- Finished in merino wool
- Reinforced heel and toe area for added durability
- Soft grip cuff



SK23 PERFORMANCE WATERPROOF SOCKS



100% Cotton & 100 Nylon Lining |||||||||X Black 39-43.44-48

- · 100% waterproof sock
- Lightweight and comfortable
- Reinforced seams for extra durability and strength



SK24 BAMBOO HIKER SOCK



46% Viscose Bamboo + 24% Drytex +21% Polyamide +7% Polypropylene +2% Elastane Black 39-43,44-48

- Naturally anti-bacterial sock
- Natural deodorising properties keep feet odour free
- Excellent moisture wicking properties



SK12 HIKER SOCK



50% Cotton, 30% Polvester. 20% Nylon



Black 39-43,44-48

Retail tag which aids presentation for retail sales



SK11 THERMAL SOCK



55% Cotton, 15% Nylon, 15% Wool, 15% Acrylic Blue 39-43, 44-48 Grey 39-43, 44-48

- Ribbed leg pattern
- Sock height 25cm
- Retail tag which aids presentation for retail sales



SK13 CLASSIC **COTTON SOCK**



80% Cotton, 20% Nylon |||||||||X Black 39-43, 44-48

- Ribbed leg pattern
- Height 28cm
- Retail tag which aids presentation for retail sales



SK33 WORK SOCK 3 PACK



79% Acrylic, 15% Nylon, 6% Polyester Black 39-43,44-48, Grey 39-43,44-48

- Ribbed leg pattern
- Retail tag which aids presentation for retail sales
- Sock height 32cm



SK18 EXTREME COLD **WEATHER SOCK**



40% Wool, 40% Acrylic, 20% Nylon

Black 39-43,44-48

- Polyolefin insulating material
- Antimicrobial and anti-odour properties
- Excellent moisture wicking properties









PORTWEST AND BASE PROTECTION

Portwest and Base Protection are your single source for innovative foot protection, for those who seek comfort and protection.

FEEL THE COMFORT







THE TOTAL PROTECTION SYSTEM

Unleash the power of total protection with fortrex - the latest innovation from Base Protection. Engineered to provide maximum security in the most challenging environments, fortrex guarantees unparalleled defence.

Harnessing the power of revolutionary technology and cutting-edge materials, Fortrex delivers the ultimate blend of comfort, flexibility, stability, cushioning, and firmness.





INNOVATION AND SUSTAINABILITY APPLIED TO PRODUCTS, PROCESSES AND PEOPLE.

At Base Protection we have created Weareco to embrace the environment. We are 100% committed to:



Promoting workers' wellbeing by designing and manufacturing anti-fatigue safety shoes. Our R&D department is constantly focused on developing technologies to improve the performance and comfort of our footwear and comparing different uses in relation to the sector of application.



Promoting a healthy and inspiring workplace. We are committed to creating a harmonious and collaborative workplace where people respect each other and share ideas for the success of every step of the production.



Using the resources needed for developing the production process by managing electricity and water responsibly. The electrical system consists of LED light bulbs. We managed to reduce plastic waste (bottles) by installing water coolers. Our Barletta plant in Italy relies on a photovoltaic energy system.









FORTREX























WEARECO













GRAND CANYON TOP



YELLOWSTONE TOP







KAPTIV





B1001B K-ROAD TOP

























B1005C K-RUSH



B1006B **K-WALK**



01

01 B1009 **K-TWIST**









B1008 **K-YOUNG**



S3L B1041C **K-HURRY**







The first safety shoe with stability control, designed to offer an incredible feeling of dynamic comfort.

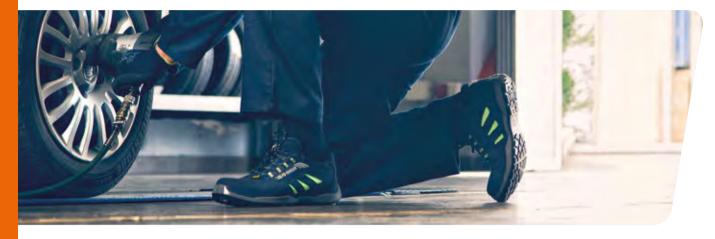


B1041B **K-B00GIE**



RECORD















B0603 SOCCER

B0605 **DIVING**

B0609 **RAFTING**

RAFTING TOP

B0617 **AEROBIC**

B0618 CLIMB

























B0671 **ACE**

B0677E MARATHON ESD

PLANET











The **perfect match** between technology and style.

B0240 SELFIE

726



14































The new footwear range for **industry 4.0** and innovative sectors that ensures comfort, balance and safety.

PLATINUM



BUFFALO TOP



B0741 BISON TOP





The shoe that challenges **extreme** conditions, keeping your feet safe and dry, in all temperatures.





CLASSIC



B0105 FRANKLIN



B0114 **VERDI**



B0114B VERDI HRO



B0115 CONCORDE



B0116 SUMMER



B0118 MOZART



B0120 BACH



B0184 MORRISON

B0185 CURTIS

B0186 GELDOF

S3
B0416N
RAIDER TOP







The **essential choice**, for those who demand a comfortable working shoe.

SPECIAL



B0410 WELDER



B0473 METATARSAL



B0850 BE-OSLO



B0880 SPARKLE



B0891C BE-STONE



B0894S BE-DRY LOW



B0895S BE-DRY MID



B0895Y BE-ROCK



23

B0896S B0897S BE-DRY TOP BE-POWERFUL





For work under **extreme conditions**.





CLASSIC PLUS





B0835 BE-GREY TOP



B0870 BE-EXTREME



B0870B BE-EXTREME W



B0870C BE-MIGHTY



B0820 BE-FAST



B0821 BE-FAST TOP



B0822 BE-READY



B0866 BE-BROWNY



B0872 **BE-FREE**



B0873 BE-FREE TOP



B0874 BE-JOY



B0875 BE-JOY TOP



BE-MOON TOP



BE-FIT



BE-BROWNY TOP



B0884 **BE-LIGHT**



B0885 BE-ACTIVE



BE-STYLE



B0887 BE-STRONG



B0888
BE-STRONG TOP



B0866B BE-JETTY



B0883B BE-JETTY TOP



B0887N BE-UNIFORM



B0888N BE-UNIFORM TOP







The first safety shoe with **stability control**, designed to offer an incredible feeling of dynamic comfort.

OXFORD



B1500 ORBIT









Elegant and sturdy.

The line designed for manufacturing or construction. Total safety without giving up style.





HYGIENE



Soles resistant to **organic liquid**; breathable, **water-resistant**, anti-scratch upper; antibacterial and antifungal lining.



















S3
B0636
BOB























MISS BASE













B0677C VIOLET









Anti-fatigue and **comfort**, dedicated to female workers.



SMART



The **best quality-price ratio** for a smart shoe that meets all your needs.



B0150 OPERA

































B0169 GREENWICH

B0173 CENTRAL

B0175 HARLEM

B0177 CHESTER TOP

SMART EVO



B0950B



B0951B IZAR TOP



B0953 QUASAR



Lightness and **flexibility** in a minimalist style.













B0958 MATAR TOP

S3L



S3L **DIONE TOP**







B0982A DIONE











BIZTEX SMS

Portwest BizTex™ SMS is an integrated three layer polypropylene construction with anti-static properties. Formed by layering spunbond, meltblown and spunbond the fabric is strong and durable as well as being soft and breathable. The high tensile strength offered by this trilaminate fabric protects the wearer from fluid and particulate penetration without compromising on mobility or comfort. Portwest have several garments manufactured with SMS in the BizTex range.

BIZTEX MICRO

Portwest BizTex™ Micro fabric is a polypropylene substrate with anti-static properties to which a polyethylene film is applied (PP/ PE). The outer layer prevents the passage of liquid molecules inwards, yet allows the vapour molecules that build up on the inside of the fabric to permeate. This technology keeps the wearer fresh and comfortable. BizTex™ Micro has the added benefit of having an anti-static coating that provides protection against electrostatic build-up. Biztex™ Micro is also available in an 82g option, offering added strength, abrasion and tear resistance.



BIZTEX SMS FR

For workers at risk from chemical splash who also may come into contact with flame or flash fire. the flame retardant BizTex™ SMS fabric is an obvious choice. The SMS fabric is an integrated three layer polypropylene construction. Formed by layering spunbond, meltblown and spunbond the fabric is strong and durable as well as being soft and breathable. This fabric is then treated with an FR coating which conforms to the flame resistant standard EN14116.



BIZTEX PRO

BizTex™ Pro fabric is made from soft 100% Polvester tricot warp knit, laminated with a low air permeability film (PE). The outer layer prevents the passage of liquid molecules inwards, yet allows the vapour molecules that build up on the inside of the fabric to permeate. BizTex™ Pro is reusable and washable up to 5 times.

INDUSTRIES AND HAZARDS LIST

ST40 ST36 ST60 Abattoirs Aerospace Agriculture & Farming

Agrochemical Handling 000000 Asbestos Handling

Automotive $\circ \circ \bullet \circ \bullet \circ \circ \circ$ Bioengineering 0Biological Hazards Utilities

Chemical Handling Civil Protection Construction

Decontamination 0000000 Disease/Disaster Management 0000000

> Painting & Decorating Electronics Enaineerina

Food Processing Forensic Science

 $\circ \bullet \bullet \circ \circ$

Industrial Clean-Up & Maintenance Janitorial

Hazardous Materials

Waste Management

Militaru Nuclear Industry

Oil/Grease-Related Environments $\circ \circ \bullet \bullet \bullet \bullet \bullet$

Oil & Gas Paint Handling/Isocyanate Petrochemical

00000 Pharmaceutical Police

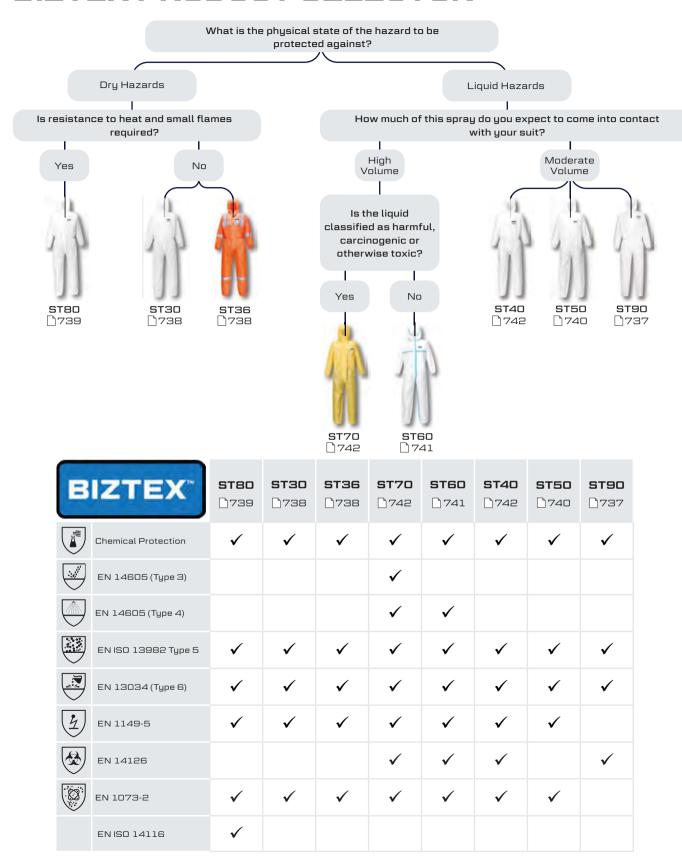
Printing Powder Coating Roof Insulation

00000 Steel Making Warehousing

Biztex™ is a trademark of Portwest®.



BIZTEX PRODUCT SELECTOR





BIZTEX PERFORMANCE CHART

PERFORMANCE CHART FOR GARMENTS CONSTRUCTED FROM BIZTEX MICROPOROUS FABRIC AND BIZTEX SMS FABRIC

PHYSICAL FABRIC TEST: The fabric used in these garments is designated BizTex SMS fabric and BizTex Microporous fabric.			BizTex SMS FABRIC CLASS	BizTex MICROPOROUS FABRIC CLASS	BizTex SMS FR FABRIC CLASS
Abrasion Resistance	Abrasion Resistance EN530 Class 1 (mi		2	2	3
Flex Cracking Resistance	EN 7854 B	Class 1 (min) - 6 (max)	6	5	6
	EN ISO 9073-4 MD	Class 1 (min) - 5 (max)	1	3	1
Trapezoidal Tear Resistant	EN ISO 9073-4 XD	Class 1 (min) - 5 (max)	2	2	3
Tanaila Chanach	EN ISO 13934-1 MD	Class 1 (min) - 5 (max)	2	1	2
Tensile Strength	EN ISO 13934-1 XD	Class 1 (min) - 5 (max)	2	3	2
Resistance To Ignition	EN13274-4		Pass	Pass	Pass
Puncture Resistance	EN 863	Class 1 (min) - 3 (max)	2	1	1
Stream Strength	EN ISO 13935-2	Class 1 (min) - 5 (max)	3	4	3
Fire Retardancy	EN 14116				Index 1

CHEMICAL FABRIC TESTS	BizTex SMS FABRIC		BizTex MICROPOROUS FABRIC		BizTex SMS FR FABRIC	
	Penetration Class	Repellency Class	Penetration Class	Repellency Class	Penetration Class	Repellency Class
Sulphuric Acid 30% - Class 1 (min) - 3 (max)	3	3	3	3	3	3
Sodium Hydroxide 10% - Class 1 (min) - 3 (max)	3	3	3	3	3	3
O-xylene: Class 1(min) - 3(max)	3	2	0	3	3	2
Butan-1-ol: Class 1(min) - 3(max)	3	2	0	0	3	2



PROVIDING EN STANDARD PROTECTION

EN 14605: 2005 +A1:2009

Protective Clothing Against Liquid Chemicals. This standard specifies performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only. (Types PB [3] and PB [4])



Liquid Tight Suits. (Type 3)

This test involves exposing a whole suit to a series of short jets of a water based liquid, aimed at various critical parts of the suit. This suit protects against strong jets of liquid chemical.



Spray Tight Suits. (Type 4)

Test involves exposing a whole suit to an intense spray of a water based liquid. This suit protects against saturation of liquid chemicals.



EN ISO 13982 - 1:2004 + A1:2009 (Type 5)

Dry particle suit. This specifies the minimum requirements for chemical protective clothing resistant to penetration by air borne solid particles. Protects against hazardous dust and dry particles.



EN 13982-1

EN 13034: 2005 +A1: 2009 (Type 6)

Reduce spray suit (Type 6) and partial body protection items (PB6). This specifies the minimum requirements for chemical protective clothing offering limited protective performance against liquid chemicals. This standard tests for liquid chemical(Type 6 and Type PB [6] equipment) sprays and splashes that are not directional or built up on a suit but there may be a fine mist of droplets in the atmosphere.



EN 1149 -5: 2018

Electrostatic requirements - surface resistivity (test method and requirements). This tests for the removal of electrostatic to avoid sparks that could cause fire/hazard to the wearer.



EN 14126: 2003

This specifies the requirements and test methods for limited use protective clothing providing protection against infective agents.





EN 1073-2: 2002

Protective clothing against radioactive contamination. Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination.

NUCLEAR PARTICLE

14116

EN ISO 14116: 2015

This standard specifies the performance requirements for the EN ISO limited flame spread properties of materials, material assemblies and protective clothing in order to reduce the possibility of the clothing burning and thereby itself constituting a hazard. Additional requirements for clothing are also specified.



Indicates compliance with current European standards for chemical protective clothing.

CHEMICAL PROTECTION

ANSI/ISEA 101 2014

ANSI/ISEA 101

American National Standard for Limited-Use and Disposable Coveralls - Size and Labeling Requirements.















CHEM	CHEMICAL FABRIC TESTS								
	Penetration Class	Repellency Class							
Sulphuric Acid 30%	3	3							
Sodium Hydroxide 10%	3	3							
O-Xylene	2	2							
Butan-1-ol	3	3							

Certified to EN 14126 Protection against infective agents.

For classification table, see page 741.

PHYSICAL FABRIC TEST							
Abrasion Resistance	EN 530	Class 1 (min) - 6 (max)	CLASS 3				
Flex Cracking Resistance	EN 7854	Class 1 (min) - 6 (max)	CLASS 6				
Trapezoidal Tear Resistant	EN ISO 9073-4	Class 1 (min) - 5 (max)	CLASS 1				
Tensile Strength	EN ISO 13934-1	Class 1 (min) - 5 (max)	CLASS 3				
Puncture Resistance	EN 863	Class 1 (min) - 3 (max)	CLASS 2				

KNIT



















LIGHTWEIGHT **S COVERALL**



ST30 BIZTEX SMS COVERALL TYPE 5/6 (PK50)

EN ISO 13982 Type 5 EN 13034 Type 6 EN 1073-2 EN 1149 -5 **ANSI/ISEA 101**

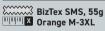
BizTex SMS, 55g
White S-4XL Navy M-3XL

- · Highly breathable SMS fabric
- Provides an effective barrier against particulates, aerosols and light sprays
- Two-way zip for quick and easy access
- Sealable zip storm flap for extra protection
- Elasticated hood, ankles, cuffs and waist



ST36 VISTEX SMS COVERALL TYPE 5/6 (PK50)

EN ISO 13982 Type 5 EN 13034 Type 6 EN 1073-2 EN 1149-5



- Reflective tape for increased visibility
- Provides an effective barrier against particulates, aerosols and light sprays
- Designed with a comfort fit
- Elasticated cuffs for a secure fit
- Ergonomically shaped hood for a perfect fit





































BIZTEX LIGHTWEIGHT MICRO SMS MICROCOOL COVERALL

ST50 BIZTEX MICROCOOL COVERALL TYPE 5/6 (PK50) EN ISO 13982 Type 5

EN 13034 Type 6 EN 1073-2 EN 1149-5





- Ultra-comfort and breathability
- Leading design made from microporous material
- Highly breathable SMS fabric
- Ergonomically shaped hood for a perfect fit
 Sealable zip storm flap for extra protection
- Elasticated hem for a secure and comfortable fit























LIGHTWEIGHT MICROPOROUS COVERALL



ST60 BIZTEX MICROPOROUS COVERALL TYPE 4/5/6 (PK50)

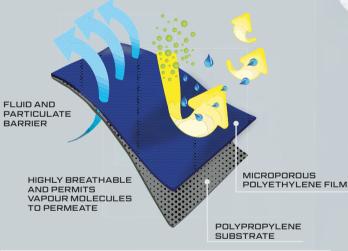
EN 14605 Type 4B EN ISO 13982 Type 5B EN 13034 Type 6B EN 1073-2 EN 1149-5 EN 14126



BizTex Micro, 60g Bizlex Mice -, White M-3XL



- Taped seams to provide additional protection
- · Leading design made from microporous material
- Low linting construction for minimal contamination
- Anti-static
- · Ergonomically designed for unrestricted movement, comfort and breathability
- · Elasticated hood, ankles, cuffs and waist



EN 14126 Classification Table	Test	Minimum Performance	BizTex Micro Results
Blood-Borne Pathogen	ISO 16604	20 kPa	CLASS 6
Synthetic Blood Penetration Resistance	ISO 16603	-	-
Contaminated Liquid Aerosols Penetration Resistance	Blood	Log > 5	CLASS 3
Contaminated Solid Particles Penetration Resistance	ISO 22612	Log ufc < 1	CLASS 3
Wet Bacteria Penetration Resistance	ISO 22610	t > 75	CLASS 6



EN 14126 is the standard that guarantees protection against biological hazards and infective agents such as Severe Acute Respiratory Syndrome (SARS), Ebola Virus and Avian Influenza. The BizTex ST60 performs at the top level in four of the five tests used to certify garments to EN 14126 as shown on the table.























MICROPOROUS COVERALL



ST70 BIZTEX MICROPOROUS COVERALL TYPE 3/4/5/6

EN 14605 Type 3B EN 14605 Type 4B EN ISO 13982 Type 5B EN 13034 Type 6B EN 1073-2 EN 1149-5 EN 14126

BizTex Micro Plus, 82g Yellow M-XXL

- Excellent liquid and particulate barrier protection
- Taped seams to provide additional protection
- Double storm flap to protect against the elements
- Thumb loop
- Elasticated cuffs for a secure fit
- Ergonomically shaped hood for a perfect fit





















ST40 BIZTEX MICROPOROUS COVERALL TYPE 5/6 (PK50)

EN ISO 13982 Type 5B EN 13034 Type 6B EN 1073-2 EN 1149-5 EN 14126 **ANSI/ISEA 101**

BizTex Micro, 60g
White S-3XL

- Leading design made from microporous material
- Excellent liquid and particulate barrier protection
- Low linting construction for minimal contamination
- Anti-static
- Two-way front zip and sealable front flap
- Elasticated hood, ankles, cuffs and waist































ACCESSORIES



ST47 BIZTEX MICROPOROUS SLEEVE WITH KNITTED **CUFF TYPE PB[6] (150 PAIRS)**

EN 13034 Type PB [6] EN 1149 -5

BizTex Micro, 60g
White One Size











ST43 BIZTEX MICROPOROUS SLEEVE COVER TYPE PB[6] (150 PAIRS)

EN 13034 Type PB [6] EN 1149 -5

BizTex Micro, 60g
White One Size











ST45 BIZTEX MICROPOROUS BOOT COVER TYPE PB[6]



ST44 BIZTEX MICROPOROUS SHOE COVER TYPE PB[6] (200 PAIRS)

EN 13034 Type PB [6] EN 1149 -5

BizTex Micro, 60g
White One Size













BizTex Micro, 60g
White One Size











ST31 BIZTEX SMS COAT TYPE PB [6] (PK50)

EN 13034 Type PB [6] EN 1149 -5

BizTex SMS, 55g

- Protects from fluid and splashes
- · Ultra-comfort and breathability
- Concealed stud front for easy access













PPEPROTECTION



EXCEPTIONAL SAFETY SOLUTIONS

PPE IS OUR LAST LINE OF DEFENCE IN HAZARDOUS WORK ENVIRONMENTS WHICH IS WHY OUR PPE SPECIALISTS WORK HARD TO DEVELOP PRODUCTS THAT OFFER FULLY CERTIFIED PROTECTION WHILE BEING LIGHTWEIGHT, EASY TO USE, PRACTICAL YET STYLISH.

HEAD PROTECTION

746

HEARING PROTECTION

764

EYE PROTECTION

775

RESPIRATORY PROTECTION

799

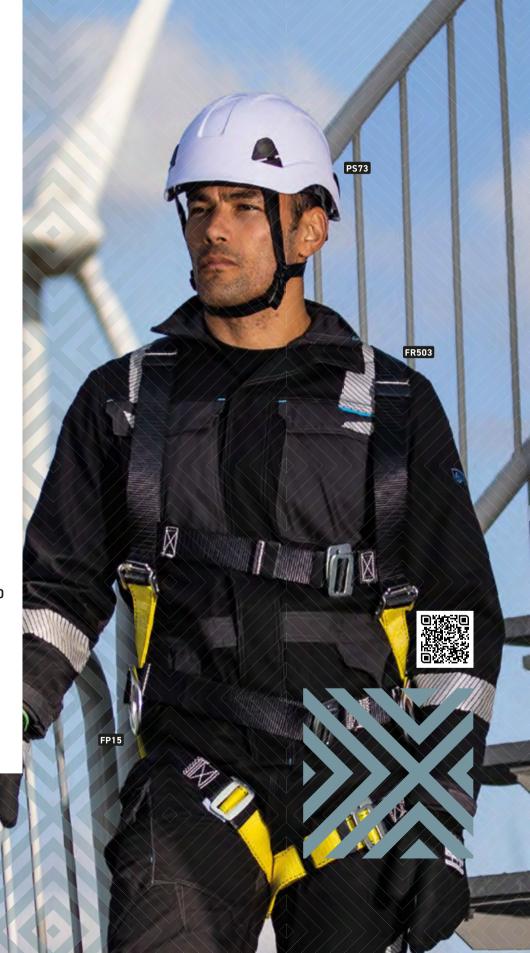




HEAD PROTECTION

WORK SAFELY AND COMFORTABLY WITH OUR HEAD PROTECTION RANGE, ENGINEERED TO DELIVER UNCOMPROMISING STYLE AND PERFORMANCE.

A146



HEAD PROTECTION OVERVIEW



PW98 759 p

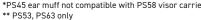
PW96 759,

CHOOSE THE RIGHT ACCESSORIES FOR YOUR HELMET

ENHANCE YOUR HEAD PROTECTION WITH OUR FULLY COMPATIBLE ACCESSORIES, DESIGNED TO AMPLIFY SAFETY, STYLE, AND FUNCTIONALITY.



	BRAND	PRODUCT CODES	2-POINT CHIN STRAP	4-POINT CHIN STRAP	SWEATBAND	VISOR CARRIER	REPLACEMENT VISORS	CLIP ON EAR MUFFS
	PEAKVIEW	PV50, PV60, PV64	PW53					PW47, PS47
-	ENDURANCE	PW54, PS54, PW55, PS55, PG54, PC55, PB55, PW98		PA48	PA45, PA55	PS58	PW92, PW94	PW62, PS45*, PW47, PS47, PW75, PW76
A	HEIGHT ENDURANCE	PS53, PS63, PS73		PA49**	PA45, PA55	PS58	PW92, PW94	PW62, PS45*, PW47, PS47, PW75, PW76
U	MONTEROSA	PW97		Included		PW58	PS95, PW92, PW94, PW99	
	FULL BRIM	PS52						
	EXPERTBASE	PW50, PS57	PW53	PA47	PA44	PW58	PS95, PW92, PW94, PW99	PW42, PS42, PS45
	EXPERTLINE	PS60, PS62				PW58	PS95, PW92, PW94, PW99	
	WORK SAFE	PS61		PA11				
0	BROWGUARDS	PW90, PW91, PW93, PW96					PS95, PW92, PW94, PW99	





HELMET SPECIFICATIONS



	PEAKVIEW	ENDURANCE	HEIGHT ENDURANCE	MONTEROSA	FULL BRIM	EXPERTBASE	EXPERTLINE	WORK SAFE
		T	V	•				
PRODUCT CODES	PV50, PV60, PV64	PB55, PC55, PS55, PW55, PG54, PS54, PW54	PS53, PS63, PS73	PW97	PS52	PW50, PS57	PS60, PS62	PS61
COLOURS								
SIZE	50-66cm	56-63cm	52-63cm	52-62cm	52-63cm	55-62cm	53-63cm	54-61cm
ADJUSTMENT	Slip ratchet (PV50), Wheel Ratchet (PV60, PV64)	Wheel Ratchet	Wheel Ratchet	Slip ratchet	Wheel Ratchet	Slip ratchet (PW50), Wheel Ratchet (PS57)	Slip ratchet (PS60), Wheel Ratchet (PS62)	Slip ratchet
SUSPENSION HARNESS	6-point textile	6-point textile	6-point textile (PS53, PS63), EPS foam (PS73)	6-point textile	4-point plastic	4-point plastic(PW50), 4-point textile(PS57)	6-point plastic	6-point plastic
VENTILATION	Vented (PV50, PV60), Unvented(PV64)	Vented (PB55, PC55, PS55, PW55), Unvented (PG54, PS54, PW54)	Vented (PS63, PS73), Unvented (PS53)	Vented	Unvented	Unvented	Vented	Unvented
TEMPERATURE	-30°C/ +50°C	-30°C/ +50°C	-30°C/ +50°C	-30°C/ +50°C	-10°C/ +50°C	-10°C/ +50°C	-10°C/ +50°C	-10°C/ +50°C
ELECTRICAL INSULATION	EN397 440VAC (PV64)	EN 397 440VAC, EN 50365 (PG54, PS54, PW54)	EN 50365 (PS53)			EN 397 440VAC, EN 50365		EN 50365
ММ		PG54, PS54, PW54						
LD		All Endurance variants				PW50, PS57		



STANDARDS

EN 397: 2012 **Industrial Safety Helmets**

Mandatory tests:

- Impact* : Energy spread to the head form must not exceed 5 kN after the fall of an object of 5 kg at 1m high.
- Penetration*: The tip of the test mass used (3 kg from 1m height) must not come into contact with the skull.
- · Flammability: The helmet is exposed to a flame and it must not burn with flame emission more than 5 seconds after removal of the flame.
- * Impact and penetration tests are performed at room temperature, at +50 °C and at -10°C.

Optional tests:

· Resistance at extreme temperatures:

Testing impact and penetration are performed at

+150°C, at -20°C or -30 °C temperatures.

• Electrical properties:

Protects against a short accidental contact

with electric leads under voltage up to 440 Vac.

· Lateral deformation:

Protects against lateral compression. The maximum deformation of the helmet should be <40 mm (LD).

· Molten metal splashes:

The helmet is not deformed or penetrated by splashes of molten metal (MM).

EN 50365: 2002

Insulating helmets for use on low voltage installations

This standard is for helmets used for working live or close to live parts on installations not exceeding 1000 V a.c. or 1500 V d.c. Testing to EN 50365 exceeds testing under EN397 for electrical properties. Marking: Double triangle + class + batch number.

EN 12492: 2012

Helmets for mountaineers

This standard covers specialist mountaineers' helmets and it includes tests on retention system strength and

effectiveness to ensure the helmet is not inadvertently removed. To reflect the nature of the use, Impact and penetration tests are conducted on different points around the shell. Mountaineer requirements also apply to wearers working at height.



ANSI/ISEA Z89.1: 2014

American National Standard for Industrial **Head Protection**

TYPE I - Hard hats are designed only to withstand top impacts.

TYPE II - Hard hats designed to withstand impacts from the top and the side.

Class C - Conductive Helmet = the hard hat will not protect the wearer from electrical hazards.

Class G - General Helmet = helmet can withstand an electrical current up to 2,200 volts.

Class E - Electrical Helmet = helmet that providing the highest level of electrical protection, withstanding

currents up to 20,000 volts.

INTEGRATED VISOR HELMET

Introducing our innovative and stylish safety helmet, equipped with an integrated visor for convenient use. The visor can be easily pushed back into the helmet shell, ensuring safe stowing when not in use. With dual certification (EN 397 and EN 12492), this helmet offers flexibility and versatility with two chin strap options. The ventilated helmet shell allows for optimal airflow, providing a cooling effect during wear. Inside the shell, EPS foam enhances comfort and ensures enhanced safety.





PS80 INTEGRATED VISOR HELMET

EN 397 EN 12492 EN 166



ABS, EPS (Expanded Polystyrene),
Polycarbonate 480g

White, 53-61cm

- · Vented helmet shell to allow air circulation cooling the wearer's head
- \cdot Inner expanded polystyrene foam
- · Injection moulded PC visor for high performance
- · Safe stowing of visor inside helmet shell
- · Wheel ratchet size adjustment for easy fitting
- · Retail box which aids presentation for retail sales







HEIGHT ENDURANCE

HELMET

PS73 HEIGHT ENDURANCE MOUNTAINEER HELMET

EN 397 (IMPACT/PENETRATION/-30°C) ANSI/ISEA Z89.1 TYPE I CLASS C

ABS, EPS (Expanded Polystyrene) 450g ✓ Orange, Red, Royal Blue, White, Yellow 52cm-63cm

- Specially designed for working at height
- Y-style 4-point chin strap
- · Size adjustable headband via wheel ratchet system
- · Inner expanded polystyrene foam



PS63 HEIGHT ENDURANCE VENTED HELMET

EN 397 -30°C /+50°C ANSI/ISEA Z89.1 TYPE I CLASS C

₩ ABS 410g

Hi-Vis Orange, Royal Blue, White, Hi-Vis Yellow 52cm-63cm

- Specially designed for working at height
- Vented helmet shell to allow air circulation cooling the wearer's head
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- Size adjustable headband via wheel ratchet system
- · Y-style 4-point chin strap
- · Light and robust





PS53 HEIGHT ENDURANCE HELMET

EN 397 -30°C/+50°C EN 50365 CLASS:0

ANSI/ISEA Z89.1 TYPE I CLASS E

ABS 424g

Black, Hi-Vis Orange, Royal Blue, White, Hi-Vis Yellow 52cm-63cm

- · Specially designed for working at height
- Electrical insulation up to 1000Vac or 1500Vdc (EN 50365)
- · Unvented helmet shell for safe use with electrical applications
- 6-point textile suspension harness for enhanced wearer comfort and safety
- · Size adjustable headband via wheel ratchet system
- · Chin strap included



ENDURANCE HELMET





PW54 ENDURANCE PLUS VISOR HELMET

EN 397 -30°C/+50°C, MM, LD, 440V A.C.

EN 50365 CLASS:0 EN 166 1 FT

ANSI/ISEA Z89.1 TYPE I CLASS E

ABS, Polycarbonate 446g
Orange, Red, Royal Blue, White, Yellow
56cm-63cm

- · Unvented helmet shell for safe use with electrical applications
- · Electrical insulation up to 1000Vac or 1500Vdc (EN 50365)
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- · Size adjustable headband via wheel ratchet system
- · Retractable clear visor included
- · Chin strap included



PS54 ENDURANCE PLUS HELMET

EN 397 -30°C / +50°C, MM, LD, 440V A.C. EN 50365 CLASS:0

ANSI/ISEA Z89.1 TYPE I CLASS E AS/NZS 1801

ABS 416g
Hi-Vis Orange, Royal Blue, White, Hi-Vis Yellow
56cm-63cm

- · Unvented helmet shell for safe use with electrical applications
- · Electrical insulation up to 1000Vac or 1500Vdc (EN 50365)
- 6-point textile suspension harness for enhanced wearer comfort and safety
- · Size adjustable headband via wheel ratchet system
- · Chin strap included
- · Compatible with PS58 helmet visor holder



PW55 ENDURANCE VISOR HELMET

EN 397 -30°C/+50°C, LD

EN 166 1 FT

ABS, Polycarbonate 446g
Orange, Red, Royal Blue, White, Yellow
56cm-63cm

- · Vented helmet shell to allow air circulation cooling the wearer's head
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- · Size adjustable headband via wheel ratchet system
- · Chin strap included
- · Retractable clear visor included
- · Compatible with PS58 helmet visor holder



PS55 ENDURANCE HELMET

EN 397 -30°C/+50°C, LD ANSI/ISEA Z89.1 TYPE I CLASS C AS/NZS 1801

ABS 416g
Hi-Vis Orange, Royal Blue, White, Hi-Vis Yellow
56cm-63cm

- · Vented helmet shell to allow air circulation cooling the wearer's head
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- · Size adjustable headband via wheel ratchet system
- · Y-style 4-point chin strap
- · Compatible with PS58 helmet visor holder
- · Available in multiple colourways





SPECIALIST HELMET



PB55 ENDURANCE BADGE HOLDER HELMET

EN 397 -30°C/+50°C. LD

ABS, Polycarbonate 484g Hi-Vis Orange, Red, Royal Blue, White, Hi-Vis Yellow

- \cdot Vented helmet shell to allow air circulation cooling the wearer's head
- Badge holder for easy clipping of your ID card
- Instant user/wearer recognition
- · Information is held securely
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- · Compatible with PW47 and PS47 clip-on ear muff





EN 397 -30°C/+50°C, LD EN 352-3:2002 SNR 25DB

EN 1731 F

ANSI/ISEA Z89.1 TYPE I CLASS C ANSI S3.19 NRR 24DB ANSI/ISEA Z87 .1

ABS, Stainless Steel, Polystyrene, PU 795g ∭ Orange 56cm-63cm

- · Vented helmet shell to allow air circulation cooling the wearer's head
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- Size adjustable headband via wheel ratchet system
- Chin strap included
- · Soft foam sweat band included
- · Replacement accessories available





PG54 ENDURANCE GLOWTEX HELMET

EN 397 -30°C/+50°C, MM, LD, 440V A.C.

EN 50365 CLASS:0



ABS 472g White 56cm-63cm

- · Unvented helmet shell for safe use with electrical applications
- Glow effect in the dark thanks to photo-luminescent additive
- · Electrical insulation up to 1000Vac or 1500Vdc (EN 50365)
- 6-point textile suspension harness for enhanced wearer comfort and safety
- Size adjustable headband via wheel ratchet system
- · Compatible with PS58 helmet visor holder



PC55 ENDURANCE CARBON LOOK HELMET

EN 397 -30°C/+50°C. LD

ABS 465g **IIIIIII** X Grey

56cm-63cm

- · Vented helmet shell to allow air circulation cooling the wearer's head
- · Innovative eye catching carbon fibre design
- · 6-point textile suspension harness for enhanced wearer comfort and safety
- · Size adjustable headband via wheel ratchet system
- · Chin strap included
- · Compatible with PW47 and PS47 clip-on ear muff







TRANSLUCENT HELMET

MAXIMUM PERIPHERAL VISION UNLIKE TRADITIONAL HARD HATS

PV50 PEAK VIEW HARD HAT VENTED

EN 397 -30°C/+50°C

ANSI/ISEA Z89.1 TYPE II CLASS C



Polycarbonate, PE 352g Blue, Pink 50cm-66cm

- · Portwest exclusive design and patented model
- · Translucent shell to see through peak and sides
- · UV 400 stabilised
- · Vented helmet shell to allow air circulation cooling the wearer's head
- · 6-point textile suspension harness for enhanced wearer comfort and
- · Size adjustable headband via slip ratchet system





RATCHET





EN 397 -30°C/+150°C

ANSI/ISEA Z89.1 TYPE II CLASS C

Polycarbonate, PE 390g Blue, Smoke 50cm-66cm

- · Portwest exclusive design and patented model
- · Translucent shell to see through peak and sides
- · UV 400 stabilised
- · Vented helmet shell to allow air circulation cooling the wearer's head
- · 6-point textile suspension harness for enhanced wearer comfort and
- · Size adjustable headband via wheel ratchet system







ADJUSTABLE WHEEL RATCHET





PV64 PEAK VIEW PLUS RATCHET HARD HAT

EN 397 440 VAC: -30°C/+150°C ANSI/ISEA Z89.1 TYPE II CLASS G

Polycarbonate, PE 390g Blue, Smoke 50cm-66cm

- · Portwest exclusive design and patented model
- · Translucent shell to see through peak and sides
- · UV 400 stabilised
- · Unvented helmet shell for safe use with electrical applications
- · 6-point textile suspension harness for enhanced wearer comfort and
- · Size adjustable headband via wheel ratchet system













HELMET



PS61 WORK SAFE HELMET

EN 397 -10°C / +50°C EN 50365 CLASS:0



₩₩₩₩ HDPE 325g Orange, Royal Blue, White, Yellow 54cm-61cm

- · Unvented helmet shell for safe use with electrical applications
- 6-point plastic suspension harness for wearing comfort, safety and easy cleaning
- Size adjustable headband via slip ratchet system





PW97 MONTEROSA SAFETY **HELMET**

EN 397 -30°C / +50°C

PE 358g

Royal Blue, White, Yellow 52cm-62cm

- Vented helmet shell to allow air circulation cooling the wearer's head
- 6-point plastic suspension harness for wearing comfort, safety and easy cleaning
- Chin strap included





PS52 FULL BRIM FUTURE HELMET

EN 397 -10°C/+50°C ANSI/ISEA Z89.1 TYPE I CLASS E

PP, PE 465g White 52cm-63cm

- · Full brim hard hat: its wide profile provides extra protection against sun, glare, rain, debris and nontoxic splashes
- 4-point plastic suspension harness for wearer comfort, safety and easy cleaning
- Size adjustable headband via wheel ratchet system





PW50 EXPERTBASE SAFETY

HELMET

EN 397 -10°C/+50°C, LD, 440V A.C. EN 50365 CLASS:0



PP, PE 366g Black, Green, Orange, Red, Royal Blue, White, Yellow 55cm-62cm

- Unvented helmet shell for safe use with electrical applications
- Electrical insulation up to 1000Vac or 1500Vdc (EN 50365)
- 4-point plastic suspension harness for wearer comfort, safety and easy cleaning







PS57 EXPERTBASE WHEEL **SAFETY HELMET**

EN 397 -10°C / +50°C, LD, 440V A.C. EN 50365 CLASS:0

PP, PE, Woven Webbing, Nylon 350g Orange, Red, Royal Blue, White, Yellow 55cm-62cm

- · Unvented helmet shell for safe use with electrical applications
- Electrical insulation up to 1000Vac or 1500Vdc (EN 50365)
- 4-point textile suspension harness for enhanced wearer comfort and





EN 397 -10°C/+50°C

PS62 EXPERTLINE SAFETY HELMET (WHEEL RATCHET)

EN 397 -10°C/+50°C



HDPE, LDPE 322g, PS60 HDPE, LDPE 326g, PS62 Royal Blue, White, Yellow 53cm-63cm

- Vented helmet shell to allow air circulation cooling the wearer's head
- Lightweight for enhanced wearer comfort
- 6-point plastic suspension harness for wearing comfort, safety and easy cleaning





ACCESSORIES





PA55 REPLACEMENT HELMET SWEATBAND (PK10)

Foam Black

- · Easy to fit
- Made of soft foam material for extra comfort
- · Compatible with Endurance Helmets





PA45 SWEATBAND ENDURANCE (PK5)

Acrylic Black

- · Technical sweatband made of acrylic
- · Compatible with Endurance and Height Endurance helmets
- · Easy to clip-on





PA44 SWEATBAND EXPERTBASE (PK10)

- Easy to fit
- Made of soft foam material for extra comfort
- · Compatible with Expertbase Helmets





PA47 CHIN STRAP 4 EXPERTBASE (PK5)

Nylon, PP 39g

- · Y-style 4-point chin strap
- · Easy to clip-on
- · Buckle size adjustment for easy fitting





PA48 CHIN STRAP 4 ENDURANCE (PK5)

Nylon 20g

- · Y-style 4-point chin strap
- Easy to clip-on
- · Buckle size adjustment for easy fitting





NEW

PA49 CHIN STRAP 4 HEIGHT ENDURANCE (PK5)

Nylon 150g

- · Y-style 4-point chin strap
- · Easy to clip-on
- · Buckle size adjustment for easy fitting



PW53 CHIN STRAP (PK10)

Nylon, PP 150g

- · Easy to clip-on
- · Chin guard for added comfort and stability
- · Buckle size adjustment for easy fitting



PA11 CHIN STRAP 4 WORK SAFE (PK5)

Polyester 45g

- · Y-style 4-point chin strap
- · Easy to clip-on
- · Buckle size adjustment for easy fitting





PA58 HELMET WINTER LINER

Cotton, Polyester 150g

- · Lined for added warmth and comfort
- \cdot Hook and loop strap for safe and secure fit
- Back elastic for ease of movement

ACCESSORIES



HA18 HELMET LINER CAP

Kingsmill Polyester Stretch: 92% Polyester, 8% Elastane, 240g ||||||||||X Black

- · Moisture wicking fabric helping to keep the body cool and dry
- 4-way stretch fabric for ease of movement and added comfort
- Retail tag which aids presentation for retail sales



PW56 ENDURANCE VISOR REPLACEMENT

Polycarbonate 100g X Clear

- Highly durable and impact resistant
- · Easy to fit
- · Compatible with Endurance Helmets



ID10 ID HOLDER



PA04 UNIVERSAL HEAD LIGHT SAFETY HELMET CLIPS (PK100)

ABS X Black 4.2cm x 1.7cm x 1cm





PW58 HELMET VISOR CARRIER

EN 166 3 B EN 1731 F **ANSI/ISEA Z87**

Polyoxymethylene, Polycarbonate 120g





PS58 HELMET VISOR HOLDER

EN 166 F EN 1731 F **ANSI/ISEA Z87** AS/NZS 1337.1

ABS 85q |||||||||||X Black







PA03 HEIGHT ENDURANCE VISOR

EN 166 1 F EN 170 2C-1.2 EN 172 5.2 ANSI/ISEA Z87 .1 +

Polycarbonate 72g Clear, Smoke

HELMET MOUNTED LIGHTS





HV29 MAGNETIC USB **RECHARGEABLE HELMET LIGHT** ROHS

CE

ABS ₩ Black

6.5cm x 4.5cm x 2.5cm

- · Compatible with most helmets
- · Magnetic housing makes it easy to put on and remove
- Adhesive backing to attach housing to helmets
- · USB rechargeable li-ion battery





HV14 360° ILLUMINATING **HELMET BAND LIGHT**

ROHS CE



ABS, PVC

5.5cm x 3.5cm x 1.8cm

- · Flexible fibre optic cable
- · Function high flash-low flash-solid
- · USB rechargeable li-ion battery
- · Adhesive backing to attach housing to helmets





PA72 LED CAP LIGHT

ROHS CE



₩₩ ABS 42g ||||||||||X Black

8.3cm x 5.5cm x 2.5cm

- Brightness 100 lumens · Run time 2/4 hours
- · USB rechargeable
- · Recharge time 3 hours

FACE PROTECTION





PW65 BIZWELD PLUS WELDING HELMET

EN 175 F

EN 379 4 / 9-13; 1/1/1/2

Polyethylene, PP, Nylon 500g Black

- · Auto-darkening, switches from light to dark when the welding process starts
- · Solar cell power with two built-in lithium back-up batteries and a working time of over 5000 hours
- · Superior optical quality LCD filter





PW66 BIZWELD PLUS REPLACEMENT LENS (PK5)



- Replacement front lenses for welding helmet PW65
- Sold in packs of 5
- · Retail bag which aids presentation for retail sales









PW60 GAS WELDING GOGGLES

EN 166 1 F EN 169 SHADE 5 EN 175 F

PVC, Polycarbonate, Elastic 143g Bottle Green

- · Indirect ventilation
- · Flexible PVC frame for ultra comfort
- · Stand-off position for intermittent use







PW68 WELDING SAFETY SPECTACLES

EN 166 1 F **EN 169 SHADE 5**

Polycarbonate 32g Bottle Green

- · Single panoramic lens glasses
- Extendable side arms for secure and comfortable fit
- · Excellent side protection

ARC FLASH FACE PROTECTION

NEW

PS96 ARC FLASH VISOR CLASS 1

EN 166 EN170 2C-1.2 GS ET 29 CLASS 1 ANSI/ISEA Z87

Polycarbonate, 340g

Clear

- · Superior front and side face protection
- · Stand-off position for intermittent
- · Protection from 4kA electric arc flash



PS97 ARC FLASH VISOR CLASS 2

EN 166 EN 170 2C-2 GS ET 29 CLASS 2 **ANSI/ISEA Z87 ASTM F2178** NFPA 70E PPE CATEGORY



Polycarbonate, ABS 480g

- · Innovative true colour grey technology for maximum colour acuity and clear vision
- Injection moulded PC visor for high performance
- Excellent clarity, visibility and colour recognition





NEW



VISOR





PW90 PPE PROTECTION KIT

EN 166 1 B / 3 B EN 352-1:2002 SNR 28DB

Polycarbonate, PP, Nylon, ABS, Polyoxymethylene, PVC 450g X Yellow

- Browguard-visor combination with headband ear defenders
- Durable Polycarbonate visor with 1mm thickness
- Clear visor for medium-energy impact protection





PW91 BROWGUARD WITH CLEAR VISOR

EN 166 1 B / 3 B

Polycarbonate, PP, Nylon 250g Clear 20cm x 40cm

- Browguard with clear polycarbonate visor
- Durable Polycarbonate visor with 1mm thickness
- Clear visor for medium-energy impact protection



PW93 BROWGUARD WITH MESH

EN 1731 F

Galvanised Carbon Steel, PP, Nylon 250g X Black 20cm x 40cm

- Browquard with stainless steel wire mesh visor
- For low-energy impact protection
- Wheel ratchet size adjustment for easy fitting
- Soft foam sweat band included





PW96 FACE SHIELD PLUS EN 166 1 BT 3 9

ANSI/ISEA Z87 +

Clear

Polycarbonate, Aluminium 320g

20cm x 40cm

- Browquard including clear polycarbonate visor with aluminum edge
- Protects from impacts, metal splashes and hot solid projections
- Suitable for a wide range of applications





PS95 VISOR WITH CHIN GUARD

EN 166 1 BT / 3 BT

Polycarbonate, ABS 170g X Clear 18cm x 39cm

- Durable Polycarbonate visor with 1mm thickness
- Clear visor for medium-energy impact protection
- Chin guard for enhanced protection
- Compatible with PW58 helmet visor carrier





PW92 REPLACEMENT CLEAR VISOR EN 166 1B

Polycarbonate Clear 20cm x 40cm

- · Durable Polycarbonate visor with 1mm thickness
- For use with Portwest browguards PW90 / PW91
- Compatible with PS58 helmet visor holder
- · Compatible with PW58 helmet visor carrier





PW94 REPLACEMENT MESH VISOR

Galvanised Carbon Steel, PP 100g ■ Black 20cm x 40cm

- · Stainless steel wire mesh visor
- · For low-energy impact protection
- Compatible with Portwest browguard PW93 and visor carriers PS58 and PW58 for use on helmets





PW99 REPLACEMENT SHIELD PLUS **VISOR**

EN 166 1 BT 9 ANSI/ISEA Z87 +

Polycarbonate, Aluminium X Clear 20cm x 40cm

- Durable Polycarbonate visor with 1mm thickness Clear visor aluminium bound
- For medium-energy impact protection
- Protects from impacts, metal splashes and hot solid projections









PS79 AIRTECH LIGHT BUMP CAP



HDPE, Expanded Polypropylene (EPP),
Polyester 150g

Black, Navy, Orange, Yellow 54cm-64cm

- · Premium style bump cap with innovative plastic shell
- Multiple ventilation holes in plastic shell and top mesh on cap
- · Durable and impact resistant PE shell
- · EPP foam liner for maximum impact protection
- · Extra padding for superior comfort
- · Hi-Visibility colour for visibility in daylight



VENTILATED WITH ANTI-SHOCK FOAM **CUSHIONING AND SWEATBAND**



√ NEW



PW29 USB RECHARGEABLE LED BUMP CAP

CE ROHS

Cotton, ABS, EVA 172g X Navy

54cm-59cm

- · Equipped with a removable and USB rechargeable light
- · Inner ABS shell and soft pad for shock absorption
- · Durable high density EVA protects and gives comfort to the wearer



PW89 SHORT PEAK BUMP CAP

Cotton, ABS, EVA Foam 145g 54cm-59cm

- · Short peak (3cm) for better visibility
- · Inner ABS shell and soft pad for shock absorption
- · Durable high density EVA protects and gives comfort to the wearer



PS59 AIRTECH BUMP CAP

Nylon, ABS, EVA 170g

Black, Navy

Hi-Vis Orange, Hi-Vis Yellow

· Mid peak (5cm) ideal for all uses

54cm-59cm

- · Hi-Visibility colour for visibility in daylight
- · Cooling mesh fabric for increased breathability





PS69 AIRTECH BUMP CAP MICRO PEAK

Nylon, ABS, EVA 162g
Black, Navy
54cm-59cm

- · Micro peak (2.5cm) for better visibility and for use in confined spaces
- · Cooling mesh fabric for increased breathability
- · Inner ABS shell and soft pad for shock absorption



PW59 PORTWEST BUMP CAP

Cotton, ABS, EVA 162g
Black, Grey, Navy, Royal Blue
54cm-59cm

- · Long peak (7cm) for maximum protection against shock and light
- Durable high density EVA protects and gives comfort to the wearer
- · Inner ABS shell and soft pad for shock absorption



INNER SHELL



OUTER CAP made from heavy duty cotton twill

BUCKLE adjustment

INNER SOFT PAD for extra comfort and shock absorption



REDUCE EXPOSURE TO LACERATIONS, ABRASIONS AND MINOR BUMPS

PW79 LONG PEAK BUMP CAP

Cotton, Mesh, ABS, EVA 162g Navy, Hi-Vis Orange, Hi-Vis Yellow 54cm-59cm

- · Long peak (7cm) for maximum protection against shock and light
- · Hi-Visibility colour for visibility in daylight
- · Durable high density EVA protects and gives comfort to the wearer



PW69 VENT COOL BUMP CAP EN 812

Cotton, Mesh, ABS, EVA 162a



- · Long peak (7cm) for maximum protection against shock and light
- · Inner ABS shell and soft pad for shock absorption
- · Durable high density EVA protects and gives comfort to the wearer





PS89 ULTRA LIGHT BUMP CAP

EN 812

HDPE, LDPE 240g Orange, Royal Blue, White, Yellow 50cm-60cm

- Lightweight and comfortable
- 4-point plastic suspension harness for wearer comfort, safety and easy cleaning
- Soft foam sweat band included





INNER SHELL

HIGH QUALITY ABS SHELL provides excellent protection

SIDE VENTILATION **HOLES** for breathability



OUTER SOFT PAD for comfort and shock absorption

> H00K & L00P STRAP for adjustment



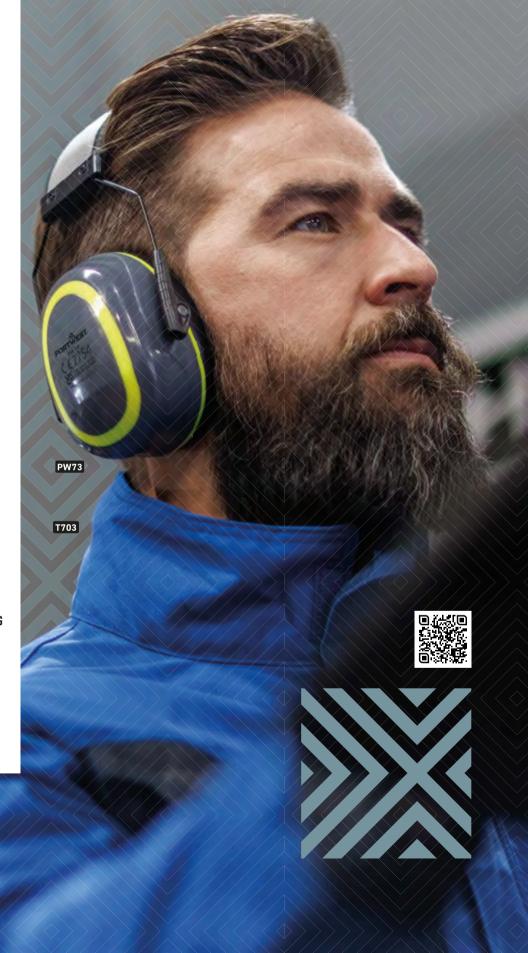
OUTER CAP made from heavy duty cotton twill

NOTE: Bump Caps protect against impacts from knocks against structures and objects. They don't protect against falling objects and in all cases where a Safety Helmet is required.



HEARING PROTECTION

WORK
CONFIDENTLY AND
COMFORTABLY
WITH OUR HEARING
PROTECTION
RANGE, DESIGNED
WITH THE
HIGHEST-QUALITY
MATERIALS AND
TECHNOLOGIES TO
SAFEGUARD YOUR
HEARING.



HEARING PROTECTION OVERVIEW

HELMET MOUNTED EAR DEFENDERS



HEADBAND EAR DEFENDERS



FOLDABLE EAR DEFENDERS





EAR PLUGS





MARKINGS AND STANDARDS





EN 352-1:2020

Hearing Protectors - Ear Muffs

EN 352-2:2020

Hearing Protectors - Ear Plugs

EN 352-3:2020

Hearing Protectors - Helmet Mounted Ear Muffs

All these standards establish requirements with regards to the manufacture, design, performances and test methods.

SNR (Single Number Rating):

Single average value of attenuation.

HML: Attenuation values expressed in terms of average levels of frequencies:

H: Attenuation of PPE at high frequencies (pitched noises).

M : Attenuation of PPE at medium frequencies.

L: Attenuation of PPE at low frequencies (bass sounds).



ANSI S3.19 1974 American National Standard - Methods for Hearing Protection Measurement

This standard specifies the test method for determining the level of noise attenuation (NRR Noise Reduction Rating) of the hearing protection, as recommended by the EPA (U.S. Environmental Protection Agency).



AS/NZS 1270 2002 Australian and New Zealand standard for Hearing Protectors Devices. This standard specifies the attenuation offered by a hearing protection device through Sound Level Conversion (SLC80).

The PPE Regulation (EU) 2016/425 has a risk approach which defines harmful noise as a risk that may cause very serious hearing injuries. As a result, the Regulation has recategorized hearing protection from Category 2 Risk PPE (Intermediate) to Category 3 Risk (Complex).

The Control of Noise at Work Regulations 2005

The Noise Regulation 2005 requires employers to prevent or reduce risks to health and safety from exposure to noise at work. It asks to take specific actions and defines action levels and limit values of exposure to noise:

	Daily / Weekly average exposure to noise	Peak Sound pressure
LOWER EXPOSURE ACTION VALUES	80dB	135dB
UPPER EXPOSURE ACTION VALUES	85dB	137dB
LEVELS OF NOISE EXPOSURE THAT MUST NEVER BE EXCEEDED	87dB	140db

How To Protect Yourself?

- 4 Steps To Choose The Appropriate Hearing Protection.
- 1. Identify the nature of the noise: stable, fluctuating, intermittent or pulse.
- 2. Measure the noise at the working station: intensity (dB) and volume (Hz).
- 3. Determine the exposure time.

4.Calculate the required attenuation needed. The attenuation level offered by the hearing protector should bring the noise to a level that is not harmful to health whilst avoiding over-protection which would isolate the worker. Hearing protectors that reduce the level at the ear to below 70 dB should be avoided.

DECIBEL SCALE (dBA)

12 Gauge Shotgun - 165 dB Peak	160	
	150	
	140	Jet Takeoff - 140 dB
	130	
	120	Pneumatic Riveter - 124 dB
Chainsaw - 110 dB	110	Hammer Drill - 114 dB
Motorcycle - 100 dB	100	Rock Concert - 105 dB
Lawn Mower - 90 dB	90	Tractor/Hand Drill - 97 dB
Vacuum Cleaner - 80 dB	80	
	70	City Traffic - 78 dB
Conversation- 65 dB	60	Air Conditioning - 60 dB
Floor Fan- 50 dB	50	
Refrigerator Hum - 40 dB	40	Electric Transformer - 45 dB
Rustling Leaves - 30 dB	30	
	20	
	10	



HEADBAND EAR DEFENDERS



PS43 HV EXTREME EAR DEFENDERS HIGH

EN 352-1:2002 SNR 36DB

ANSI S3.19 NRR 30DB

ABS, PU Foam, Neoprene, Carbon Steel, Nylon, Foam 322g

- · Excellent attenuation rate
- · Padded headband for comfort
- · Reflective trim for increased visibility and safety
- Adjustable dual pin system provides multiple positioning for better fit





REFLECTIVE PADDED HEADBAND





PW73 HV EXTREME EAR DEFENDERS MEDIUM

EN 352-1 SNR 28DB

ABS, Polyoxymethylene, PU, TPR, Foam, Nylon 207g

- · Colour coded cups for easy identification
- Padded headband for comfort
- · Reflective trim for increased visibility and safety
- Adjustable dual pin system provides multiple positioning for better fit





REFLECTIVE PADDED HEADBAND







PW72 HV EXTREME EAR DEFENDERS LOW

EN 352-1 SNR 26DB

ABS, PU, Polyoxymethylene, TPR, Nylon, Foam 188g

- \cdot Colour coded cups for easy identification
- · Contrast colouring for added style
- Adjustable dual pin system provides multiple positioning for better fit
- · Excellent attenuation rate













CLIP-ON EAR DEFENDERS



PW62 HV EXTREME EAR DEFENDERS HIGH CLIP-ON EN 352-3:2002 SNR 33DB



ABS, PU Foam, Neoprene, Carbon Steel, Nylon, Foam 309g Grey/Orange

- · Excellent attenuation rate
- · Easy to clip-on
- · Adjustable dual pin system provides multiple positioning for better fit
- · Contrast colouring for added style







PW76 HV EXTREME EAR DEFENDERS MEDIUM CLIP-ON

EN 352-3 SNR 25DB

ABS, Polyoxymethylene, Foam, TPR, Nylon, Carbon Steel 243g Grey/Yellow

- · Colour coded cups for easy identification
- · Compatible with Endurance and Height Endurance helmets
- · Easy to clip-on
- · Adjustable dual pin system provides multiple positioning for better fit









PW75 HV EXTREME EAR DEFENDERS LOW CLIP-ON

EN 352-3 SNR 22DB

ABS, Polyoxymethylene, PU, Foam, Nylon, Carbon Steel 216g X Grey/Green

- · Colour coded cups for easy identification
- · Contrast colouring for added style
- · Adjustable dual pin system provides multiple positioning for better fit
- · Easy to clip-on











EAR DEFENDERS



PW78 HV EXTREME EAR DEFENDERS NECKBAND

EN 352-1 SNR 32DB

ABS, Polyoxymethylene, TPR, Nylon, Foam, Carbon Steel 227g

- · Can be worn comfortably over the head and features a sizeadjustable hook & loop closure
- · Colour coded cups for easy identification
- · Contrast colouring for added style
- · Excellent attenuation rate







PS45 PREMIUM CLIP-ON **EAR DEFENDERS**

EN 352-3:2002 SNR 25DB

ABS, PU, PVC, Polyoxymethylene, Stainless Steel 311g Grey

- · Easy to clip-on
- · Compatible with Endurance and Height Endurance helmets
- Compatible with Expertbase Helmets





PW42 CLIP-ON EAR **DEFENDERS**

EN 352-3:2002 SNR 26DB ANSI S3.19 NRR 22DB

HIPS (High Impact Polystyrene), Stainless Steel, PVC 271g Red, Yellow

- Easy to clip-on
- Adjustable dual pin system provides multiple positioning for
- Compatible with Expertbase Helmets













PS47 ENDURANCE HV **CLIP-ON EAR DEFENDERS**

EN 352-3 SNR 27DB ANSI S3.19 NRR 24DB AS/NZS 1270 SLC(80) 22DB -CLASS 4

ABS, Polystyrene, PU, Stainless Steel 271g ▼ Hi-Vis Orange, Hi-Vis Yellow

- · Excellent attenuation rate
- · Easy to clip-on
- · Hi-Visibility colour for visibility in daylight



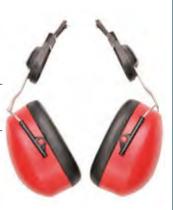


PW47 ENDURANCE CLIP-**ON EAR DEFENDERS**

EN 352-3 SNR 27DB ANSI S3.19 NRR 24DB AS/NZS 1270 SLC(80) 22DB -CLASS 4

ABS, Polystyrene, PU, Stainless Steel 271g X Red

- Excellent attenuation rate
- Easy to clip-on
- Adjustable dual pin system provides multiple positioning for better fit











HEADBAND EAR DEFENDERS



PS46 PREMIUM EAR DEFENDERS

EN 352-1 SNR 34DB

ABS, PU Foam, PVC 307g

- · Padded headband for comfort
- · Adjustable dual pin system provides multiple positioning for better fit
- · SNR 34dB attenuation level
- · Light and robust





PW43 COMFORT EAR DEFENDERS

EN 352-1:2002 SNR 32DB ANSI S3.19 NRR 26DB

ABS, PVC, PU Foam 226g

- · Ultra light and compact ear muff
- · Padded headband for comfort
- · Adjustable length for a secure and comfortable fit
- · Light and robust







ABS, Polyoxymethylene, PVC 168g

- · Ultra lightweight for long uses
- $\cdot \ \ \text{Padded headband for comfort}$
- $\cdot\,$ Adjustable length for a secure and comfortable fit
- · Non-magnetic nickel and ferrous free



PW40 CLASSIC EAR DEFENDERS

EN 352-1:2002 SNR 28DB ANSI S3.19 NRR 22DB AS/NZS 1270 SLC(80) 28DB - CLASS 5

ABS, Polycarbonate, PVC 157g Red, Yellow

- Ultra light and compact ear muff
- · Adjustable length for a secure and comfortable fit
- Non-magnetic nickel and ferrous free
- · Best selling style year after year











FOLDABLE EAR DEFENDERS



PS44 TOP EAR DEFENDERS

EN 352-1:2002 SNR 33DB

ABS, Foam 297g

- · Folds to palm size for better carriage and to keep clean
- · Lightweight and comfortable
- · Padded headband for comfort
- · Adjustable length for a secure and comfortable fit





PS41 SUPER HV EAR DEFENDERS

EN 352-1:2002 SNR 30DB ANSI S3.19 NRR 25DB AS/NZS 1270 SLC(80) 31DB - CLASS 5

HIPS (High Impact Polystyrene), PU Foam, Polyoxymethylene, Stainless Steel 257g

Yellow

- · Hi-Visibility colour for visibility in daylight
- · Folds to palm size for better carriage and to keep clean
- · Lightweight and comfortable
- Adjustable dual pin system provides multiple positioning for better fit





PW41 SUPER EAR DEFENDERS

EN 352-1:2002 SNR 30DB ANSI S3.19 NRR 25DB AS/NZS 1270 SLC(80) 31DB - CLASS 5

HIPS (High Impact Polystyrene), PU Foam, Polyoxymethylene, Stainless Steel 257g

Red, Yellow

- · Folds to palm size for better carriage and to keep clean
- · Lightweight and comfortable
- Excellent attenuation rate
- · Adjustable dual pin system provides multiple positioning for better fit





PS48 PORTWEST SLIM EAR DEFENDERS

EN 352-1:2002 SNR 22DB

HIPS (High Impact Polystyrene), Polyoxymethylene, PVC 184g

- · Ultra light and compact ear muff
- $\cdot\,$ Folds to palm size for better carriage and to keep clean
- · Adjustable dual pin system provides multiple positioning for better fit
- · Less cumbersome and lightweight with ultra slim cups







EAR PLUGS





EP12 EASY FIT PU EAR PLUGS CORDED (200 PAIRS)

EN 352-2:2002 SNR 37DB

PU Foam, PVC 3g

- · Push and twist PU foam pods
- PVC cord to hang around the neck to have easy access ear protection
- · No prior rolling of plugs for better hygiene and easy use





EP02 PU FOAM EAR PLUGS (200 PAIRS)

EN 352-2 SNR 33DB ANSI S3.19 NRR 32DB

AS/NZS 1270 SLC(80) 19DB - CLASS 3



- · Disposable ear plugs made from soft PU foam
- Easy to fit
- One pair per polybag for hygienic storage





EPO8 CORDED PU FOAM EAR PLUGS (200 PAIRS)

EN 352-2 SNR 33DB ANSI S3.19 NRR 32DB AS/NZS 1270 SLC(80) 19DB - CLASS 3

PU Foam, PVC Orange

- · Disposable ear plugs made from soft PU foam
- · Corded for safe keeping
- · Easy to fit





EP06 BELL COMFORT PU FOAM EAR PLUGS (200 PAIRS)

EN 352-2 SNR 34DB ANSI S3.19 NRR 32DB

PU Foam □□□□□X Orange

- Disposable ear plugs made from soft PU foam
- · Ergonomically designed for comfort and ease of use
- · One pair per polybag for hygienic storage







EP09 BELL COMFORT PU FOAM EAR PLUGS CORDED

EN 352-2 SNR 37DB

(200 PAIRS)

PU Foam, PVC **™** Orange

- Disposable ear plugs made from soft PU foam
- Corded for safe keeping
- · Ergonomically designed for comfort and ease of use





EP30 DETECTABLE CORDED PU EAR PLUGS (200 PAIRS)

EN 352-2 SNR 33DB ANSI S3.19 NRR 32DB AS/NZS 1270 SLC(80) 19DB - CLASS 3

PU Foam, PVC, Carbon Steel

- · Can be used in food industries (metal detectable)
- · Disposable ear plugs made from soft PU foam
- · Corded for safe keeping







EAR PLUGS

EP20 EAR PLUG **DISPENSER (500 PAIRS)**

EN 352-2 SNR 34DB ANSI S3.19 NRR 32DB

Plastic XXXXX Black

- · Plastic dispenser with 500 pairs of ear plugs included
- · Wall mountable for secure
- · Easy to use turn wheel to dispense ear plugs





EP21 EAR PLUG DISPENSER REFILL PACK (500 PAIRS)

EN 352-2 SNR 34DB ANSI S3.19 32DB

PU Foam Orange

Disposable ear plugs made from soft PU foam

H: 33 dB M: 31 dB L: 28 dB

Easy to fit

34dB

· Excellent attenuation rate













EP10 REUSABLE TPR EAR PLUGS (50 PAIRS)

EN 353-2 SNR 31DB



TPR Orange

- · Triple flange design and soft tpr material for comfortable fit
- Reusable earplugs to support sustainability
- Each pair individually wrapped in reclosable zip bag for hygiene purposes



EP04 REUSABLE CORDED TPR EAR PLUGS (50 PAIRS) EN 353-2 SNR 32DB

ANSI S3.19 NRR 24DB



- Corded for safe keeping
- One pair per polybag for hygienic storage
- · Supplied in a handy portable dispenser box















EP07 DETECTABLE TPR CORDED EAR PLUGS (50 PAIRS)

EN 353-2 SNR 32DB ANSI S3.19 NRR 24DB



- · Can be used in food industries (metal detectable)
- · Corded for safe keeping
- · One pair per polybag for hygienic storage







EP16 BANDED EAR PLUGS (20 PAIRS)

EN 352-2 SNR 26DB



Polyoxymethylene, PU X Yellow

- Disposable ear plugs made from soft PU foam
- Designed with a comfort fit
- · Easy to fit











EYE PROTECTION OVERVIEW



MARKINGS AND STANDARDS

PLASTIC HINGES -> 100% METAL-FREE STYLE



BROWGUARD

Integrated TPE browguard for extra protection from particles and impact as well as reduction of glare and visual distraction

SAFE FIT

Precision-engineered contoured design for enhanced protection and clear visibility

LENS

Large wraparound lens for exceptional eye coverage and protection, ideal for wider face shapes

NOSE PADS

Soft TPR nose pieces for universal fit



EN 166: 2001 Personal Eye Protection

European Standard, applying to all types of individual protection of the eye which protects from hazards likely to damage the eye, except for nuclear radiation, x-rays, laser emissions and infrared emitted by low-temperature sources. Does not apply to eye protection for which separate standards exist (e.g. anti-laser eye protection, sunglasses for general use).

EN 170: 2002 UV Ravs Protection

European Standard for Ultraviolet Filters

Specifications of level numbers and of requirements relating to the transmittance of the filters for protection against ultraviolet radiation.

EN 172: 1995

Specification For Sunglare Filters Used In Personal Eye-Protection For Industrial Use

Specification of level numbers and requirements relating to the transmittance of filters for protection against solar radiation, industrial use.

EN 175: 1997

Welding Eyes and Face Protectors

European Standard for equipment for eye and face protection during welding and allied processes

Specifications for the safety requirements for eye and face protection equipment used to protect the operator's eyes and face against harmful optical radiation and other specific risks or hazards in usual welding, cutting or similar operations.

EN 169: 2002

Personal Eye Protection - Filters for Welding European Standard for Filters for Welding and Related Techniques — Transmittance requirements and recommended use.

Specifications of level numbers and requirements relating to the transmittance of filters to protect operators for welding and related techniques. Specification of requirements for welding filters with double dial number of levels.

EN 1731: 2006

Personal Eye Protection. Mesh Eye and Face Protector.Material specifications, design, performance and test methods for eye and face mesh protectors, for professional use.

EN 379:2003 + A1:2009 Automatic Welding Filters

Harmonised European standard for automatic welding filters which switch their luminous transmittance to a lower predetermined value when an arc is ignited.



ANSI/ISEA Z87.1:2020

American National Standard - Personal Eye and Face Protective Devices

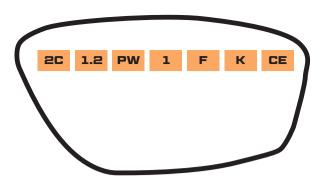
This standard provides minimum general requirements, test method, selection, use and maintenance of eye and face protection devices.

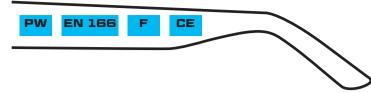
2 levels of protection:

Z87 marking = "Basic Impact"

Z87+ marking = "High Impact"







LENS MARKINGS

FILTER TYPE

2/20	UV (2C colour recognition not affected)
3	UV (good colour recognition)
4	Infra-red
5	Sunglare without infrared specification
6	Sunglare with infra-red specification

SCALE NUMBER (SHADE)

1.2	Clear or amber
1.4	Blue light blocker (light brown)
1.7	Clear mirror
3.1	Smoke

MANUFACTURER IDENTIFICATION

PW

OI TIGAL GEAGG	
1	Permanent use
2	Occasional use
3	Short use

MECHANICAL STRENGTH

S	Increased robustness
F	Low energy impact, resists a 6mm, 0.86g ball at 45m/s
В	Medium energy impact, resists a 6mm, 0.86g ball at 120m/s
А	High energy impact, resists a 6mm, 0.86g ball at 190m/s
Т	Extreme temperatures (FT, BT, AT)

OPTIONAL REQUIREMENTS

8	Short circuit electric arc
9	Molten metal and hot solids
K	Resistance to scratches by fine particles
N	Resistance to fogging

CERTIFICATION MARK

CE

FRAME MARKINGS

MANUFACTURER IDENTIFICATION

PW

APPLICABLE EN STANDARD

EN 166

MECHANICAL STRENGTH

S	Increased robustness
F	Low energy impact, resists a 6mm, 0.86g ball at 45m/s
В	Medium energy impact, resists a 6mm, 0.86g ball at 120m/s
А	High energy impact, resists a 6mm, 0.86g ball at 190m/s
Т	Extreme temperatures (FT, BT, AT)

AREAS OF USE

NONE	General use
3	Liquid droplets or splashes
4	Large dust particles > 5 µm
5	Gases and small dust particles < 5 µm
8	Short circuit electric arc
9	Molten metal and hot solids

CERTIFICATION MARK

CE

NON-CERTIFIED TREATMENTS:

It is possible to have surface treatments which are not marked on the lens. These are non-certified treatments which give the same protection to the lens for an extended period of use.





AS = Anti-Scratch treatment (corresponds to K)





AF = Anti-Fog treatment (corresponds to N).



RISKS AND APPLICATIONS





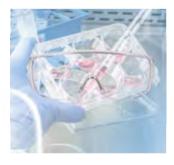
MECHANICAL RISKS: IMPACT BY FLYING PARTICLES OR OBJECTS

Precision engineering, industrial assembly, maintenance of machinery, grinding, turning, milling, forestry, agriculture/ horticulture, foundry maintenance and similar work activities.

PPE SOLUTION:

- SAFETY GLASSES
- SAFETY GOGGLES

Mechanical strength is indicated on lens and frame.



CHEMICAL RISKS (OPTIONAL):

Laboratories, oil and gas industry and generally when handling chemicals or hazardous substances.

PPE SOLUTION:

- SAFETY GLASSES
- SAFETY GOGGLES

Optional eyewear testing for protection from 'liquid droplets or splashes' (3), 'large dust particles' (4), or 'gases and small dust particles' (5), indicated on the frame.



OPTICAL RISKS ULTRAVIOLET (UV) AND INFRARED (IR) RADIATION

Welding, brazing, cutting, furnaces, heat treatment, high intensity artificial light (e.g. UV lamps), natural light sources (glare), soldering, oxygen cutting and similar work activities.

PPE SOLUTION:

- SAFETY GLASSES
- SAFETY GOGGLE

Filter type is indicated on the lens.



BLUE LIGHT PROTECTION



DEFEND YOUR VISION AGAINST HARMFUL BLUE LIGHT WITH OUR ADVANCED LENSES



WHAT IS BLUE LIGHT?

Blue light is one of the colours in the visible light spectrum that can be seen by human eyes. Due to its relatively short wavelengths blue light carries high amounts of energy which can be harmful to our eyes especially when it is artificial.

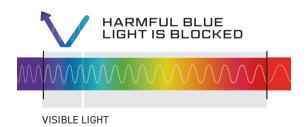
The blue light wavelength ranges from 380-500nm. Natural blue light is important for regulating our circadian rhythm (i.e. sleepwake cycle). Workers who are exposed to excessive amounts of harmful artificial blue light via bright LEDs, fluorescent lights, screens, and digital devices can suffer an overexposure that can cause digital eye strain, retina damage, and sleep cycle disruption.

HOW DO BLUE LIGHT GLASSES WORK?

Our specially designed blue light glasses are equipped with advanced lens technology that can filter or completely block out the harmful blue light range, providing the ultimate protection for your eyes.

PS17 LENSES

Embedded with special pigments that target only the harmful wavelengths of blue light, the PS17 Blue Light Blocker Spectacles ensure your eyes get the protection they need without compromising vision.



- Reduce eye strain and fatigue
- · Prevent retina damage
- Ideal for those working indoors under harsh light conditions

DID YOU KNOW?

Amber lenses can significantly enhance contrast by filtering out blue light? Our range of amber lens options, including PS11, PS12, PS32, PR32, PW33, and PW34, are designed to do just that and can be found throughout this section.



LENS TINTS

ELEVATE YOUR VISION WITH OUR LENS TINTS

Use our lens tint guide to discover the perfect lens colours that can elevate your performance and comfort at work.



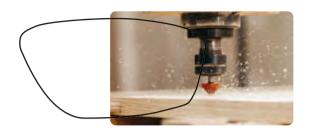
AMBER LENSES

enhance contrast by filtering out part of the blue light and brighten your vision allowing you to see more clearly and work with greater accuracy. Perfect for indoor use in darker environments, as well as for outdoor use during twilight conditions, amber lenses are a must-have for any worker seeking to improve their performance in low-light settings.



SMOKE LENSES

reduce light transmission to the eye, providing essential protection from bright light sources. Ideal for outdoor activities, smoke lens spectacles offer reliable and effective sun protection for any worker.



CLEAR LENSES

are designed for indoor use, safeguarding your eyes from flying debris and offer versatile protection for a variety of applications.



LIGHT MIRROR LENSES

are perfect for workers in logistics or on construction sites who frequently move between indoor and outdoor environments, reducing the need to squint, preventing eye fatigue and ensuring optimal vision.



POLARISED LENSES

eliminate dangerous glare and enhance your vision. They block out horizontally angled light waves, allowing only vertically angled light to enter the eyes. As a result, glare is reduced, visual acuity is improved, and colour contrast is enhanced. Perfect for a variety of work activities, polarised lenses are especially helpful for driving vehicles. However, it's important to note that they should not be used at night or in situations that require clear lenses.



KN COATINGS

COATINGS THAT ENHANCE YOUR VISION

Having clear vision is crucial to safety in the workplace. The European standard for Personal Eye Protection includes special testing methods for

- · Resistance to surface damage by fine particles, marked K on the lens of safety glasses (Anti-scratch)
- · Resistance to fogging, marked N on the lens of safety glasses (Anti-fog)

Our safety eyewear with KN rated lens coatings provide premium anti-fog and anti-scratch protection on both sides of the lens. See our KN rated eyewear PS04, PS10, PS13, PS19, PS20, PS22 and PW25 throughout this section



K-ANTI-SCRATCH COATING

WITHOUT COATING



IMPROVED SCRATCH RESISTANCE PROLONGS THE LIFE OF YOUR EYEWEAR.

K-anti-scratch coating is a protective film or coating applied to the surface of the lens to mitigate scratches, allowing for unimpeded vision. When a lens meets a sharp object, small surface level cuts can occur. Anti-scratch coatings contain microscopic materials with scratch-resistant properties.



N-ANTI-FOG COATING

WITHOUT COATING

-COATING

SUPERIOR ANTI-FOG PERFORMANCE ENSURES YOUR EYEWEAR REMAINS CLEAR IN HARSH CONDITIONS.

N-anti-fog coating is a chemical coating that prevents fogging on the lens surface. It repels water droplets and stops them from forming water vapour that could obstruct your vision.

KN SAFETY GLASSES





PS10 DYNAMIC KN SAFETY GLASSES

EN 166 1 FT, K, N EN 170 2C-1.2 EN 172 5-3.1

Polycarbonate, TPE 23g

- · Single wrap-around lens for exceptional eye coverage and protection
- · KN certified lens coatings for extra durability and best vision (anti-scratch/ anti-fog)
- Co-injected TPE brow guard for extra protection from particles, impact and glare
- · Soft rubber temple tips for non-slip fit
- · Exceptionally good, universal fit
- · Ideal fit for smaller face shapes



PS13 MEGA KN SAFETY GLASSES

EN 166 1 FT, K, N EN 170 2C-1.2 EN 172 5-3.1

Polycarbonate, TPE 26g

- Dual material and dual colour temples in port-blue and orange
- Co-injected TPE brow guard for extra protection from particles, impact and glare
- KN certified lens coatings for extra durability and best vision (anti-scratch/ anti-fog)
- · Inclinable side arms for optimum fit



PS19 ESSENTIAL KN SAFETY GLASSES

EN 166 1 FT, K, N EN 170 2C-1.2 EN 172 5-3.1

Polycarbonate, TPR 22g

- · Single wrap-around lens for exceptional eye coverage and protection
- · KN certified lens coatings for extra durability and best vision (anti-scratch/ anti-fog)
- Integrated PC browguard for extra protection from particles
- · Co-injected, dual colour and extremely flexible temples for maximum comfort



KN SAFETY GLASSES





PS20 DYNAMIC PLUS KN SAFETY GLASSES

EN 166 1 FT, K, N EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87+

Polycarbonate, TPE 32q Clear, Smoke

- · Co-injected TPE brow guard for extra protection from particles, impact and glare
- · KN certified lens coatings for extra durability and best vision (anti-scratch/ anti-fog)
- · Co-injected, dual colour and extremely flexible temples for maximum comfort
- · Wrap-around style for panoramic view





PS23 PEAK KN SAFETY GLASSES

EN 166 1 FT, K, N EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87+

Polycarbonate, TPE 33g Clear, Smoke

- · Co-injected TPE brow guard for extra protection from particles, impact and glare
- Soft TPR nose piece for universal fit
- · Inclinable side arms for optimum fit
- · Co-injected, dual colour and extremely flexible temples for maximum comfort



PS04 DEFENDER SAFETY GLASSES

EN 166 1 FT K, N EN 170 2C-1.2 EN 172 5-3.1 **AS/NZS 1337.1**

Polycarbonate 29g Clear, Smoke

- · Inclinable side arms for optimum fit
- · Soft arm tips and rubber nose-bridge for ultra comfort
- · Ultra lightweight for long uses
- · Soft nose bridge for a secure and comfortable fit







SAFETY READERS





PS25 SAFETY READERS

EN 166 1 FT EN 170 2C-1.2



Polycarbonate, TPR 27g Clear

- · Bi-focal lenses available in 3 diopters +1.5/ +2.0/ +2.5
- · Half frame style with two lenses
- · Dual colour side arms, colour match to our garments
- · Soft TPR nose piece for universal fit
- · Soft rubber temple tips for non-slip fit
- · Anti-fog coating for additional comfort to the wearer

THREE DIOPTRE STRENGTHS AVAILABLE:

+1.5

+2.0

+2.5

OVER SPECTACLES





PS24 PEAK OTG SAFETY GLASSES

EN 166 1 FT EN 170 2C-1.2

ANSI/ISEA Z87+

Polycarbonate, TPE 41g Clear

- · Modern 'over the glasses' safety eyewear ideal for users of prescription glasses
- · Dual colour side arms, colour match to our garments
- · Soft rubber temple tips for non-slip fit
- · Co-injected TPE brow guard for extra protection from particles, impact and glare
- · Inclinable side arms for optimum fit
- · Anti-fog coating for additional comfort to the wearer





OVER SPECTACLES





Single panoramic lens glassesExcellent side protection

protection against impacts

Anti-scratch coating for added durability

Transparent colour for better side visibility
 Suitable for wearing over most prescription glasses
 Moulded side shield and browguard for optimised



Portwest's oleophobic eye protection styles feature an oilrepellent, thin-film coating which creates a resistant surface that is impervious to dirt, dust, oils, and other particulates. This results in an easy to clean surface that also maintains a cleaner surface for longer than if untreated.

BENEFITS:

Workers can work more efficiently in wet outdoor conditions as lenses do not need to be wiped as frequently. Anti-fog coating can additionally be applied to the inner side of the lens for an even clearer, unrestricted vision increasing work safety.

APPLICATIONS:

Typical Applications include

- · Oil and gas industry
- Construction industry
- Manufacturing industry
- · Spray-/Painters
- · Outdoor sports (e.g., paintball)



OLEOPHOBIC EYE PROTECTION

ATTACHABLE ELASTIC BAND FOR A SECURE FIT

PS09 IMPERVIOUS TECH SPECTACLES

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1

Polycarbonate, Nylon, EVA Foam 46g Clear, Smoke

- · Oleophobic and dirt repellent lens treatment helping to keep the lens clean and vision intact
- · Dual use with classic arms or with wide elastic band
- · Detachable foam offers additional protection against shocks and dust
- · Non-magnetic nickel and ferrous free





DETACHABLE FOAM BACK



PS29 IMPERVIOUS SAFETY GOGGLES

EN 166 1 B 3 EN 170 2C-1.2 **AS/NZS 1337.1**

Polycarbonate, PP, TPR, Polyester, Nylon 70g

- · Oleophobic and dirt repellent lens treatment helping to keep the lens clean and vision intact
- · Indirect ventilation
- · Adjustable strap fastening for flexible sizing
- · For medium-energy impact protection

OLEOPHOBIC AND DIRT REPELLENT LENS TREATMENT



WRAP AROUND SPECTACLES



PS11 TECH LOOK PLUS SPECTACLES

EN 166 1 FT EN 170 2C-1.2

EN 172 5-1.7 EN 172 5-3.1

ANSI/ISEA Z87 .1 +

ANSI/ISEA Z87 .1 + U6 L3

Polycarbonate, Nylon, EVA Foam Amber, Clear, Smoke, Mirror

- · Dual use with classic arms or with wide elastic band
- · Detachable foam offers additional protection against shocks and dust
- · Flexible arms for ultra comfort
- · Wrap-around style for panoramic view



FOAM BACK





PS12 TECH LOOK SPECTACLES

EN 166 1 FT EN 170 2C-1.2

EN 172 5-1.7 EN 172 5-3.1

ANSI/ISEA Z87 .1 + ANSI/ISEA Z87 .1 + U6 L3

Polycarbonate, Nylon, TPR 30g

Amber, Clear, Smoke, Mirror

- · Wrap-around style for panoramic view
- · Flexible arms for ultra comfort
- · Light and robust
- · Soft arms tips for ultra comfort





PW11 LEVO SPECTACLES

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87 + ANSI/ISEA Z87 + U6 L3 AS/NZS 1337.1

Polycarbonate 41g Clear, Smoke

- · Dual use with classic arms or with wide elastic band
- · Detachable foam offers additional protection against shocks and dust
- · Non-magnetic nickel and ferrous free
- · Excellent ventilation through indirect vents in the back foam





FOAM BACK



WRAP AROUND SPECTACLES



PR32 WRAP AROUND PRO SPECTACLES



EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1

EN 172 5-1.7 AS/NZS 1337.1

Polycarbonate, Rubber 26g Amber, Clear, Smoke Mirror

- Single panoramic lens glasses
- · Lightweight wrap-around design
- · Excellent side protection
- · Stylish dual colour side arms





PS32 WRAP AROUND PLUS SPECTACLES



EN 166 1FT EN 170 2C-1.2 EN 172 5-3.1

EN 172 5-1.7

ANSI/ISEA Z87 + U6 AS/NZS 1337.1

Polycarbonate 28g

Amber, Clear, Smoke Mirror

- Single panoramic lens glasses
- Detachable foam offers additional protection against shocks and dust
- · Lightweight wrap-around design
- · Flexible arms for ultra comfort











PW32 WRAP AROUND SPECTACLES

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1

EN 172 5-1.7

ANSI/ISEA Z87 + U6 ANSI/ISEA Z87 + U6 L3

AS/NZS 1337.1

Polycarbonate 22g Clear lens clear temple, Clear lens black temple, Smoke lens black temple

Clear lens hi-vis orange temple, Mirror lens clear temple

- · Single panoramic lens glasses
- · Lightweight wrap-around design
- · Flexible arms for ultra comfort
- · Mirror suitable for indoor and outdoor use











WRAP AROUND SPECTACLES



PS07 SAINT LOUIS SPECTACLES

EN 166 1 F AS/NZS 1337.1

Polycarbonate, TPR 31g

- · Soft arm tips and rubber nose-bridge for ultra comfort
- · Single panoramic lens glasses
- · Stylish dual colour side arms
- Slim side arms for optimum comfort when working with ear defenders





PS34 NEON SAFETY SPECTACLES EN 166 1 FT

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1

Polycarbonate, Nylon, TPR 28g

- · One piece curved lens with moulded nose-bridge
- · Highly durable and impact resistant
- · Stylish dual colour side arms
- · Lightweight and comfortable







PW34 PROFILE SAFETY SPECTACLES

EN 166 1 F EN 172 5-3.1 ANSI/ISEA Z87 .1 + ANSI/ISEA Z87 .1 + U6 L3

Polycarbonate 28g

Amber, Clear, Smoke

- · Contour wrap-around design glasses
- One piece curved lens with moulded nose-bridge
- · Flexible arms for ultra comfort
- · Soft arms tips for ultra comfort







SPECIALIST SPECTACLES



PS17 BLUE LIGHT BLOCKER

EN 166 1 S EN 172 5-1.4 AS/NZS 1337.1

Polycarbonate, TPR 25g |||||||||X Brown

- · Helps to reduce eye fatigue and enhances contrasts
- · Soft nose bridge for a secure and comfortable fit
- · Slim side arms for optimum comfort when working with ear defenders
- · Soft arms tips for ultra comfort





BLUE LIGHT LENSES

Ease digital eve strain, enhance clarity, and protect your eyes from harmful blue light with our blue light blocker PS17 spectacles.



PS18 POLAR STAR SPECTACLES

EN 166 1 FT EN 172 5-3.1 ANSI/ISEA Z87 + U6 L3 AS/NZS 1337.1

Polycarbonate, TPR 29g **™** Smoke

- · Polarised lens eliminates horizontal reflections and harsh glares
- Helps to reduce eye fatigue and enhances contrasts
 Anti-scratch surface coating intended to mitigate
- scratch effects on the lens
- · Soft arm tips and rubber nose-bridge for ultra comfort





POLARISED LENS

Experience glare-free vision with our polarised PS18 spectacles. They help minimise distracting reflections, provide enhanced visual clarity and reduce eye strain.

LIGHTWEIGHT SPECTACLES

PW13 CLEAR VIEW SPECTACLES

EN 166 1 F EN 170 2C-1.2 ANSI/ISEA Z87 + U6 AS/NZS 1337.1

Polycarbonate 27g Clear

- · Ultra lightweight for long uses
- · Wrap-around style for panoramic view
- · One piece curved lens with moulded nose-bridge
- · Excellent side protection







PW14 LITE SAFETY SPECTACLES

EN 166 1 F EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87 + U6 ANSI/ISEA Z87 + U6 L3 AS/NZS 1337.1

Polycarbonate 23g Clear, Smoke

- · Ultra lightweight for long uses
- · Lightweight wrap-around design
- · Larger fitting size
- Slim side arms for optimum comfort when working with ear defenders



PW15 FOSSA SPECTACLES

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87 + ANSI/ISEA Z87 + U6 L3

Polycarbonate 24g Clear, Smoke

- · Ultra lightweight for long uses
- · Excellent side protection
- · Soft arms tips for ultra comfort
- · Lightweight wrap-around design





PW39 EXTRA WRAP **AROUND SPECTACLES**

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1 AS/NZS 1337.1

Polycarbonate 28g Clear, Smoke

- · Lightweight wrap-around design
- · Single panoramic lens glasses
- · Excellent side protection
- · Dual material side arms







PW38 PAN VIEW SPECTACLES

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87 + ANSI/ISEA Z87 + U6 L3



Polycarbonate 24g
Smoke, Clear, Clear/Orange, Smoke/Orange

- · Single panoramic lens glasses
- · Lightweight wrap-around design
- One piece curved lens with moulded nose-bridge
- Slim side arms for optimum comfort when working with ear defenders



LIGHTWEIGHT SPECTACLES

PS35 ULTRA LIGHT SPECTACLES

EN 172 5-3.1

EN 166 1 FT EN 170 2C-1.2

Polycarbonate 17g X Clear, Smoke

- · Ultra lightweight for long uses
- Lightweight wrap-around design
- · Slim side arms for optimum comfort when working with ear defenders
- · Single panoramic lens glasses





CLASSIC SPECTACLES



PW17 CURVO SPECTACLES

EN 166 1 FT EN 170 2C-1.2

Polycarbonate 26g

- Single panoramic lens glasses
- · Lightweight wrap-around design
- Extendable side arms for secure and comfortable fit
- · Soft nose bridge for a secure and comfortable fit





PW37 BOLD PRO SPECTACLES

EN 166 1 S EN 170 2C-1.2

Polycarbonate, TPR 26g

- · Soft arms tips for ultra comfort
- · Soft nose bridge for a secure and comfortable fit
- · Lightweight and comfortable
- · Slim side arms for optimum comfort when working with ear defenders









CLASSIC SPECTACLES

PW33 CLASSIC SAFETY SPECTACLES

EN 166 1 FT EN 170 2C-1.2 EN 172 5-3.1 ANSI/ISEA Z87 + ANSI/ISEA Z87 + S ANSI/ISEA Z87 U6

Polycarbonate 32g

Clear lens black temple, Clear lens blue temple, Smoke lens black temple, Amber lens black temple

- · Single panoramic lens glasses
- Wrap-around style for panoramic view
- · Excellent side protection
- · Extendable side arms for secure and comfortable fit





PS33 CLASSIC SAFETY PLUS SPECTACLES

EN 166 1 FT EN 170 2C-1.2

Polycarbonate 32g Clear

- · Single panoramic lens glasses
- · Excellent side protection
- · Wrap-around style for panoramic view
- · Extendable side arms for secure and comfortable fit





PW35 SAFEGUARD SPECTACLES

EN 166 1 F EN 170 2C-1.2

Polycarbonate, Nylon 29g Clear

- · Single panoramic lens glasses
- · Excellent side protection
- · Extendable side arms for secure and comfortable fit
- · Adjustable angle allowing for better fit



ACCESSORIES



PA30 SPECTACLES CORD (PK100)

Nylon, Rubber 9g
Black
68cm

- · Elasticated spectacles cord
- · Adjustable length for a secure and comfortable fit
- · Universal holder to fit most spectacles



PA31 SPECTACLES BAG (PK100)

Microfibre 10g
Black
10cm x 20cm

- · Drawstring spectacles bag
- · For storage and cleaning of safety glasses
- · Made of microfibre



PLASTIC FREE WIPES

PLASTIC FREE WIPES



PA01 LENS CLEANING WIPES

159g

- · Supplied in a handy portable dispenser box
- · Low linting construction for minimal contamination
- · Each towelette individually wrapped
- Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic

PA02 LENS CLEANING STATION

363g

- · Supplied in handy 'ready to hang' dispenser
- · Low linting construction for minimal contamination
- · Anti-static formula
- · Suitable for all Portwest safety eyewear

SAFETY GOGGLES







PS22 ULTRA SAFE GOGGLES

EN 166 1 BT 3 4 9 K N EN 170 2C-1.2

ANSI/ISEA Z87+

Polycarbonate, PVC, ABS, Polyester 174g

- $\cdot\,$ Goggles with chin guard for extra face protection
- · Chin guard with adjustable ventilation for improved breathability
- · Chin guard can be flipped up when not in use
- · Goggles with indirect ventilation to avoid misting up

DESIGNED TO SHIELD FROM LIQUID DROPLETS, LARGE DUST PARTICLES, MOLTEN METAL AND HOT SOLIDS.





PW25 ULTRA VISTA GOGGLES UNVENTED

EN 166 1 BT 3 4 5 K N

EN 170 2C-1.2

N

Polycarbonate, PVC, Nylon 114g

- · Single panoramic lens glasses
- · Suitable for wearing over most prescription glasses
- Anti-scratch high level treatment coating, certified and marked with K on the lens
- · Anti-fog high level treatment coating, certified and marked with N on the





PW24 ULTRA VISTA GOGGLES

EN 166 1 BT 3 EN 170 2C-1.2 AS/NZS 1337.1

Polycarbonate, PVC, Nylon 113g

- · Single panoramic lens glasses
- · Suitable for wearing over most prescription glasses
- · Adjustable elastic headband for a perfect fit
- · Indirect ventilation





PW26 SLIM SAFETY GOGGLES

EN 166 1 B 3 4 EN 170 2C-1.2 AS/NZS 1337.1

Polycarbonate, TPR 49g

- · Lightweight wrap-around design
- · Superior front and side face protection
- Back foam ventilation and lens treatment prevents misting and fogging of the ocular
- Adjustable dual pin system provides multiple positioning for better fit



SAFETY GOGGLES





PW22 CHALLENGER GOGGLES

EN 166 1 B

Polycarbonate, PVC 116g

- Single panoramic lens glasses
- · Flexible PVC frame for ultra comfort
- · Indirect ventilation
- · Adjustable elastic headband for a perfect fit





PS21 PORTWEST CHEMICAL GOGGLES EN 166 1 F N 3



Cellulose Acetate, PVC, PP 62g X Clear



- Chemical resistant
- · Indirect ventilation
- Flexible PVC frame for ultra comfort
- · Ultra lightweight for long uses



PW21 INDIRECT VENT GOGGLES

EN 166 1 B 3 ANSI/ISEA Z87 .1 +

Polycarbonate, PVC 78g

- · Indirect ventilation
- · Flexible PVC frame for ultra comfort
- · Adjustable elastic headband for a perfect fit
- · Ultra lightweight for long uses



PW20 DIRECT VENT GOGGLES

EN 166 1 B ANSI/ISEA Z87 +

Polycarbonate, PVC 53g

- · Direct ventilation
- · Flexible PVC frame for ultra comfort
- · Adjustable elastic headband for a perfect fit
- · Excellent side protection

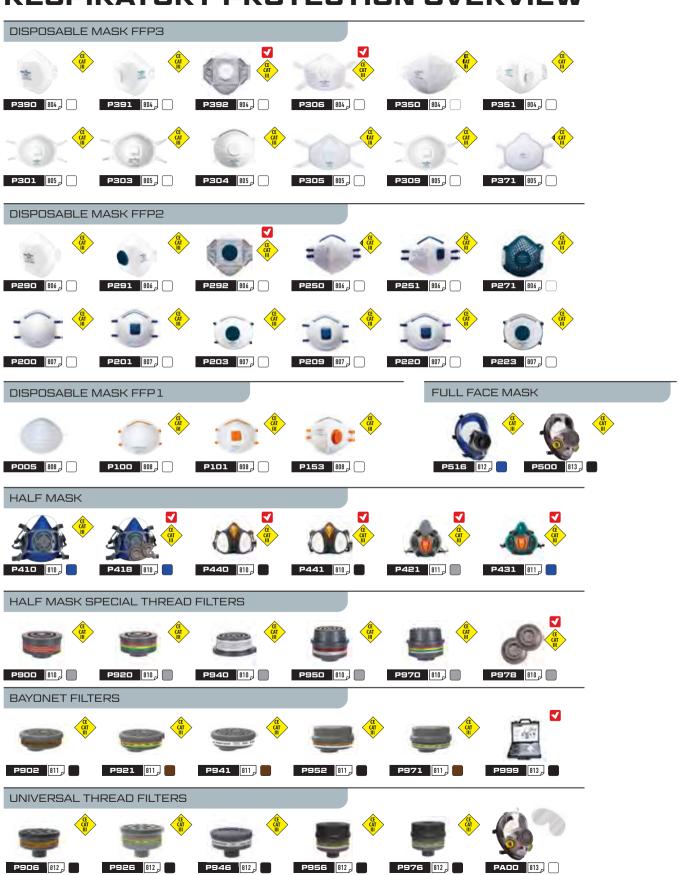


RESPIRATORY PROTECTION

BREATHE EASY
WITH OUR
PRECISIONENGINEERED
RESPIRATORY
PROTECTION
RANGE, KEEPING
YOU SAFE AND
COMFORTABLE ON
THE JOB.



RESPIRATORY PROTECTION OVERVIEW



ULTIMATE P3 REUSABLE RESPIRATOR

SECURE YOUR SAFETY WITH A PERFECT FIT

Experience ultimate comfort and protection with our P306 FFP3 valved respirator. With ultra low breathing resistance, an innovative moulded nose bridge, and an all-round foam gasket, it's ergonomically designed to fit most face shapes. The wide adjustable elastic head straps provide a secure and comfortable fit, whilst the high-performing exhalation valve efficiently reduces heat and moisture inside the mask. R D certified reusable for more than one working shift, and with a Dolomite clogging test for maximised breathing comfort, it's the perfect choice for your respiratory needs.

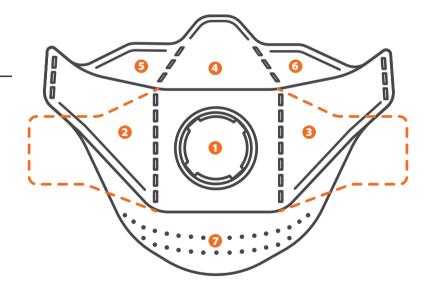


CARBON EAGLE MASKS

THE WINGS OF SAFETY

Introducing the EAGLE, our innovative compact folding masks designed with 7 dynamic parts for unparalleled comfort and freedom of movement. Its unique "wings" adapt to the contours of any face, allowing for optimal breathability and maximum protection.

Available in both valved and unvalved options, with FFP2 or FFP3 protection, and passing the rigorous Dolomite optional clogging test (D), the EAGLE ensures you breathe easy and stay safe in any environment. Now available with an activated carbon layer, our new P292 and P392 alleviate nuisance organic odours below the workplace exposure limit (WEL). The low-profile design ensures compatibility with full face visors.







PREMIUM HALF MASKS

PROTECT WITH CONFIDENCE AND COMFORT

Discover ultimate protection and comfort with our new premium half masks. Crafted from flexible silicone (P431 blue) or durable thermoplastic rubber (P421 grey), these masks feature dual bayonet filter connections for optimal weight balance and a clear line of vision. The ergonomically designed head harness provides maximum comfort, and the large front exhalation valve ensures low breathing resistance.

Choose from two sizes (S/M and M/L) for a perfect fit, and easily disassemble for quick cleaning. Our matching range of filters (sold separately) provide comprehensive protection for any job. Get unparalleled safety and comfort with our premium half masks.



READY TO USE HALF MASKS

COMFORT MEETS CONVENIENCE

Introducing our new P440 & P441 half masks - the ultimate in convenience and comfort. Made from durable and flexible TPE, these masks are ready to use and maintenance free. With a compact design for optimal weight balance and wide field of vision, they offer maximum protection without sacrificing comfort.

The adjustable ergonomic head harness reduces pressure on the face, while the innovative 'drop-down' head strap design makes removal quick and easy. Packaged in a resealable retail bag for hygienic storage and transportation, they're perfect for any workplace. Available in A2P3 and ABEK1P3 versions, these masks are the future of respiratory protection.









EN136:1998 Full Face Mask Facepieces

Class 1: Light Duty Class 2: General Use

Class 3: Special Use (Heavy Duty/Firefighters)

EN140:1998 Half Mask Facepieces

EN14387:2008 Gas Filters and Combination Filters MAIN GAS FILTER TYPES:

A - Organic gases and vapours with a boiling point >65°C

B - Inorganic gases and vapours

E - Sulphur dioxide and other acid gases and vapours

K - Ammonia and organic ammonia derivatives

Class 1: Low capacity, up to 1000ppm Class 2: Medium capacity, up to 5000ppm Class 3: High capacity, up to 10,000ppm

EN143:2007: Particulate Filters

PARTICULATE FILTER CLASSES:

P1 - Low filter performance (80% efficiency)

P2 - Medium filter performance (94% efficiency)

P3 - High filter performance (99.95% efficiency)

EN148-1: Standard Threads for Facepieces

EN405:2001+A1:2009 Valved Filtering Half Mask with Fixed Gas Filters and/or Particulates Filters

GAS FILTER CLASSES

Gas and Vapours Filters									
Туре	Colour Code								
А									
В									
Е									
К									

EN STANDARDS: RESPIRATORY PROTECTIVE DEVICES

EN149:2001+A1:2009

RESPIRATORY PROTECTIVE DEVICES
- FILTERING HALF MASKS TO
PROTECT AGAINST PARTICLES.

This European Standard covers particle filtering half masks i.e., disposable dust masks. With the A1:2009 amendment, these are now classified as either not reusable (NR) beyond a single working shift, or reusable for more than 1 shift (R).

Disposable Mask Selection											
	FFP3	FFP2	FFP1								
Minimum Filtration %	99%	94%	80%								
Total Inward Leakage (TIL)	2%	8%	22%								
Nominal Protection Factor (NPF)	50 x WEL	12 x WEL	4 x WEL								
Assigned Protection Factor (APF)	20 x WEL	10 x WEL	4 x WEL								

TERMINOLOGY

WEL: Workplace Exposure Limit

Maximum contaminant concentration to which the user may be exposed without adverse health effects.

TIL: Total Inward Leakage

Combined leakage of the ambient atmosphere into the face piece via the filter media, valve and face seal.

NPF: Nominal Protection Factor

Nominal level of protection given by respiratory PPE (in laboratory conditions).

APF: Assigned Protection Factor

Level of protection that can realistically be expected under real workplace conditions.

DOLOMITE TEST (D): Clogging test under EN149 using dolomite dust. Respirators which pass the dolomite test are proven to provide a more comfortable breathing level and longer lasting filtration performance. Such respirators are marked with the letter "D". Dolomite testing is optional for single use "NR" respirators and mandatory for reusable "R" respirators.

WHAT IS FACEPIECE FIT TESTING?

It is a method for checking that a respiratory facepiece matches the person's facial features and seals adequately to the wearer's face.

What is the reason for face fit testing?

The performance of respiratory facepieces depends on achieving a good contact between the wearer's skin and the face seal of the facepiece. Peoples' faces vary significantly in shape and size so it is unlikely that one particular type, or size of respiratory device, will fit everyone.

Inadequate fit will significantly reduce the protection provided to the wearer. It is also useful for checking that a wearer can put on a respirator facepiece correctly. Correct fitting of the facepiece at all times is vital to prevent exposure.

Qualitative fit testing:

Is a simple pass/fail test based on the wearer's subjective assessment of the leakage, via the face seal region, of a test agent.

These tests are relatively simple to perform and are suitable for half masks and disposable masks.

They are not suitable for full face masks.

Examples of qualitative fit testing methods: method based on bitter or sweet tasting aerosol; method based odour compounds.

Quantitative fit testing:

They require specialised equipment and are possible on all types of masks including disposable masks, half and full face masks. Quantitative tests can give an objective assessment of facial fit and provide a direct numerical result called Fit Factor. Fit Factor is a measure of how well a particular facepiece seals against the wearer's face.

A higher fit factor number means the facepiece achieved a good contact between the face seal and the face during the test.

Both Qualitative and Quantitative Fit Testing are approved by the HSE and must be carried out by an experienced Fit2Fit accredited Fit Tester or a competent person trained to the HSE standard.











P392 EAGLE FFP3 VALVED CARBON FOLD FLAT RESPIRATOR (PK10)

EN 149 FFP3 NR D

PP, PU Foam, Activated Carbon White

- · Activated carbon layer for improved absorption of nuisance odours, organic vapours and welding fumes
- 7 ergonomic points which adapt to different face shapes
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions



P391 EAGLE FFP3 VALVED DOLOMITE FOLD FLAT RESPIRATOR (PK10)

EN 149 FFP3 NR D

PP, PU Foam
White

- · 7 ergonomic points which adapt to different face shapes
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Flexible shape which allows the mask to be folded flat





P390 EAGLE FFP3 DOLOMITE FOLD FLAT **RESPIRATOR (PK20)**

EN 149 FFP3 NR D

PP. PU Foam White

- · 7 ergonomic points which adapt to different face shapes
- · Flexible shape which allows the mask to be folded flat
- · Individually wrapped inside hygienic polybag





P351 FFP3 VALVED DOLOMITE FOLD FLAT **RESPIRATOR (PK20)**

EN 149 FFP3 NR D

White

PP, PU Foam

- Special compact vertical fold-flat design
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Ultrasonic welded head straps





P350 FFP3 DOLOMITE FOLD FLAT RESPIRATOR (PK20)

EN 149 FFP3 NR D

PP, PU Foam
White

- · Special compact vertical fold-flat design
- · Ultrasonic welded head straps
- · Individually wrapped inside hygienic polybag





REUSABLE



P306 FFP3 ULTIMATE VALVED REUSABLE **RESPIRATOR (PK5)**

EN 149 FFP3 R D

PP, EVA Foam
White

- Reusable for more than one working shift
- Excellent face fit test performance
- · Internal foam gasket ensures a tight face seal







P305 FFP3 PREMIUM DOLOMITE RESPIRATOR (PK5)



PP, EVA Foam White

- · Excellent face fit test performance
- · Internal foam gasket ensures a tight face seal
- · Wide adjustable head straps for ultimate wearer comfort





P371 ERGONET FFP3 VALVED DOLOMITE RESPIRATOR (PK5)



PP, EVA Foam
White

EN 149 FFP3 NR D

- Ergonet supports the mask structure and keeps the filter media clean
- Internal foam gasket ensures a tight face seal
- · Soft nose bridge for a secure and comfortable fit





P303 FFP3 VALVED DOLOMITE RESPIRATOR (PK10)



PP, EVA Foam
White

EN 149 FFP3 NR D

- · Internal foam gasket ensures a tight face seal
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- · Ultrasonic welded head straps





P301 FFP3 VALVED RESPIRATOR (PK10) EN 149 FFP3 NR



- · Internal foam gasket ensures a tight face seal
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Wide adjustable head straps for ultimate wearer comfort





P309 FFP3 VALVED RESPIRATOR - BLISTER PACK (PK2)

EN 149 FFP3 NR

PP, EVA Foam

- · Internal foam gasket ensures a tight face seal
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- · Wide adjustable head straps for ultimate wearer comfort





P304 FFP3 VALVED DOLOMITE LIGHT CUP RESPIRATOR (PK10)

EN 149 FFP3 NR D

PP, PU Foam White

- · Adjustable nose bar for improved fit and reduced fogging of glasses
- · Foam padding around the nose bridge for additional comfort
- · Ultrasonic welded head straps







P291 EAGLE FFP2 VALVED DOLOMITE FOLD FLAT



PP. PU Foam White

- · 7 ergonomic points which adapt to different face shapes
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- · Flexible shape which allows the mask to be folded flat





P290 EAGLE FFP2 DOLOMITE FOLD FLAT RESPIRATOR (PK20)

PP. PU Foam White

- · 7 ergonomic points which adapt to different face shapes
- · Flexible shape which allows the mask to be folded flat
- · Individually wrapped inside hygienic polybag











P292 EAGLE FFP2 VALVED CARBON FOLD FLAT **RESPIRATOR (PK10)**

EN 149 FFP2 NR D

PP, PU Foam, Activated Carbon White

- · Activated carbon layer for improved absorption of nuisance odours, organic vapours and welding fumes
- · 7 ergonomic points which adapt to different face shapes
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions





P250 FFP2 FOLD FLAT RESPIRATOR (PK20)

AS/NZS 1716 P2 NIOSH N95 EN 149 FFP2 NR

PP, PU Foam White

- Special compact vertical fold-flat design
- Ultrasonic welded head straps
- Individually wrapped inside hygienic polybag





P251 FFP2 VALVED FOLD FLAT RESPIRATOR (PK20) AS/NZS 1716 P2

EN 149 FFP2 NR

PP, PU Foam White

- · Special compact vertical fold-flat design
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- · Ultrasonic welded head straps





P271 ERGONET FFP2 VALVED DOLOMITE RESPIRATOR (PK10)

EN 149 FFP2 NR D

PP, EVA Foam
White

- Ergonet supports the mask structure and keeps the filter media clean
- Soft nose bridge for a secure and comfortable fit
- · Non-magnetic nickel and ferrous free







P201 FFP2 VALVED RESPIRATOR (PK10)

AS/NZS 1716 P2 NIOSH N95 EN 149 FFP2 NR

PP, EVA Foam

- · Ultrasonic welded head straps
- · Adjustable nose bar for improved fit and reduced fogging of glasses
- · Foam padding around the nose bridge for additional comfort





P200 FFP2 RESPIRATOR (PK20)

AS/NZS 1716 P2 NIOSH N95 EN 149 FFP2 NR

PP, EVA Foam

- · Adjustable nose bar for improved fit and reduced fogging of glasses
- Ultrasonic welded head straps
- · Foam padding around the nose bridge for additional comfort





P209 FFP2 VALVED RESPIRATOR - BLISTER PACK(PK3)

NIOSH N95 EN 149 FFP2 NR

PP, EVA Foam
White

- $\cdot \ \, \text{Ultrasonic welded head straps}$
- $\cdot\,$ Adjustable nose bar for improved fit and reduced fogging of glasses
- · Foam padding around the nose bridge for additional comfort





P203 FFP2 VALVED DOLOMITE RESPIRATOR (PK10)





- · Ultrasonic welded head straps
- · Adjustable nose bar for improved fit and reduced fogging of glasses
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions





P220 FFP2 CARBON VALVED RESPIRATOR (PK10)

AS/NZS 1716 P2 NIOSH N95 EN 149 FFP2 NR

PP, Activated Carbon, EVA Foam
White

- Activated carbon layer for improved absorption of nuisance odours, organic vapours and welding fumes
- · Foam padding around the nose bridge for additional comfort
- · Ultrasonic welded head straps





P223 FFP2 CARBON VALVED DOLOMITE RESPIRATOR (PK10)

EN 149 FFP2 NR D

PP, Activated Carbon, PU Foam
White

- Activated carbon layer for improved absorption of nuisance odours, organic vapours and welding fumes
- · Foam padding around the nose bridge for additional comfort
- · Ultrasound welded elastic strap







P005 DUST MASK (PK50)

PP White

- · Soft and comfortable
- · Ideal for all day use
- · Large inner space to help the user to breathe more easily
- · Retail box which aids presentation for retail sales





P100 FFP1 RESPIRATOR (PK20)

AS/NZS 1716 P1 EN 149 FFP1 NR



PP, PU Foam White

- · Ultrasonic welded head straps
- \cdot Foam padding around the nose bridge for additional comfort
- Adjustable nose bar for improved fit and reduced fogging of glasses
- · Comfortable cup style respirator





P101 FFP1 VALVED RESPIRATOR (PK10)



AS/NZS 1716 P1 EN 149 FFP1 NR



PP, PU Foam White

- · Ultrasonic welded head straps
- · Foam padding around the nose bridge for additional comfort
- · High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- · Adjustable nose bar for improved fit and reduced fogging of glasses





P153 FFP1 VALVED DOLOMITE FOLD FLAT RESPIRATOR



EN 149 FFP1 NR D







- Special compact vertical fold-flat design
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Foam padding around the nose bridge for additional comfort
- Individually wrapped inside hygienic polybag

RESPIRATORY PROTECTION

Experience ultimate comfort and the perfect fit with our safety range of full face masks and half masks. Our user-friendly masks are designed to offer superior comfort and maximum breathability, ensuring your safety without sacrificing comfort. With interchangeable filters and compatibility with many different models, our range is versatile and convenient.



4 STEPS TO CHOOSE THE APPROPRIATE RESPIRATORY PROTECTION.

STEP 1- IDENTIFY THE HAZARD.

SOLID PARTICLES

Dust = Solid particles of several sizes generated by crushing solid materials.

Mist = Particles of evaporated liquid (water or organic basis.) Fumes = Small size particles of evaporated or melted solids, generally coming from combustion.

HAZARD SOLUTIONS

= need a mechanical and electrostatic filter:





AIRBORNE SUBSTANCES

Gas and Vapours = Substances that are normally airborne. Could be fluid generated by the passage from liquid or solid status to airborne, through evaporation or boiling.

AIRBORNE SUBSTANCES

- = need an activated charcoal filter
- + A/B/E/K or combined filter.

STEP 2- IDENTIFY THE TOXIC AGENT.

STEP 3 - IDENTIFY THE CONCENTRATION & COMPARE WITH THE EXPOSURE LIMIT.

 $\ensuremath{\mathsf{TLV}}$ = contaminant concentration to which the user may be exposed without health effects.

a)Threshold limit value - Time weighted average (TLV-TWA): Average exposure on the basis of a 8h/day, 40h/week work schedule.

b)Threshold limit value - Short-term exposure limit (TLV-STEL): Spot exposure for a duration of 15 minutes, that cannot be repeated more than 4 times per day with at least 60 minutes between exposure periods.

c)Threshold limit value - Ceiling limit (TLV-C): Absolute exposure limit that should not be exceeded at any time..

STEP 4-SELECT THE TYPE OF PROTECTION.

		Gas and Vapours Filters
Type	Colour Code	Application
Α		Organic Vapours and Gases with a boiling point of 65C and above (solvents and hydrocarbons).
В		Inorganic Vapours and Gases (excluding Carbon Dioxide/Monoxide)
Е		Sulphur Dioxide and other Acidic Vapours and Gases
К		Ammonia and its Organic Ammonia Derivatives Vapours and Gases
		Dust and Aerosol Filters
Type	Colour Code	Application
Р3		Protects from solid aerosols and / or liquids listed as toxic.

HALF MASK





READY TO USE STRAIGHT FROM THE BAG





P440 A2P3 READY TO USE HALF MASK

EN 405: 2001 + A1: 2009 TYPE A CLASS 2 R D EN 405: 2001 + A1: 2009 TYPE P CLASS 3 R D

TPE

- Ready to use and maintenance free
- Compact low profile design for maximum visibility and ease of movement
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Drop-down head strap design allows easy removal



P441 ABEK1P3 READY TO USE HALF MASK

EN 405: 2001 + A1: 2009 TYPE ABEK CLASS 1 R D EN 405: 2001 + A1: 2009 TYPE P CLASS 3 R D



- Ready to use and maintenance free
- Compact low profile design for maximum visibility and ease of movement
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Drop-down head strap design allows easy removal





P410 AUCKLAND HALF MASK EN 140: 1998

TPE Blue, S-L

- Economical half mask made from soft yet durable TPE
- Compact low profile design for maximum visibility and ease of
- Adjustable quick release harness for supreme comfort and convenience
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions





EN 140: 1998

EN 143 TYPE P 3 **EN 14387 TYPE ABEK 1**



- Comprises of one medium P410 half mask and two P970 filters
- Compact low profile design for maximum visibility and ease of movement
- Economical half mask made from soft yet durable TPE
- Adjustable quick release harness for supreme comfort and convenience













P920



P970

√ NEW

P410 Filter Selection Guide

Screw-in Filters EN143:2007/EN14387:2008

Code	Filter Type	Class
P900	A1 Gas Filter Special Thread Connection (Pk6)	A1
P920	ABEK1 Gas Filter Special Thread Connection (Pk4)	ABEK1
P940	P3 Particle Filter Special Thread Connection (Pk6)	P3R
P950	A1P3R Combination Filter Special Thread Connection (Pk4)	A1P3R
P970	ABEK1P3 Combination Filter Special Thread Connection (Pk4)	ABEK1P3R
P978	Combination Filter Blister Pack (Pk2)	ABEK1P3R

HALF MASK



P431 SILICONE HALF MASK EN 140: 1998

Silicone Blue S/M,M/L

- · Dual bayonet filter connections
- · Quick and easy to disassemble for cleaning
- · Filters sold separately
- · Available in two sizes for the perfect fit



P421 TPR HALF MASK EN 140: 1998

Thermoplastic Rubber Grey S/M,M/L

- Dual bayonet filter connections
- Quick and easy to disassemble for cleaning
- Filters sold separately
- Available in two sizes for the perfect fit

P431 and P421 Filter Selection Guide

Bayonet Filters EN143:2007/EN14387:2008









P952





P902

P921

P941

TYPE B

TYPE E

Application: Sulphur Dioxide and other Acidic Vapours and Gases

TYPE K

hydrocarbons).

TYPE A

Application: Ammonia and its Organic Ammonia Derivatives Vapours and Gases

Application: Organic Vapours

and Gases with a boiling point

of 65C and above (solvents and

TYPE ABEK

Application: Combination Filter (all of the above)

Application: Inorganic Vapours

and Gases (excluding Carbon

Dioxide/Monoxide)

TYPE P

Application: P. Dust/Particle

Code	Filter Type	Class
P902	A2 Gas Filter Bayonet Connection (Pk6)	A2
P921	ABEK1 Gas Filter Bayonet Connection (Pk6)	ABEK1
P941	P3 Particle Filter Bayonet Connection (Pk6)	P3R
P952	A2P3 Combination Filter Bayonet Connection (Pk4)	A2P3
P971	ABEK1P3 Combination Filter Bayonet Connection (Pk4)	ABEK 1P3R

FULL FACE MASK



P516 HELSINKI FULL FACE MASK - UNIVERSAL THREAD





Thermoplastic Rubber, Polycarbonate, Silicone, ABS X Blue

- Class 3 thermoplastic full face mask with a soft silicone inner
- Durable polycarbonate visor provides all round visibility
- · Adjustable 6 point quick release harness for a uniform face seal
- · Standard thread connection (DIN) according to EN 148-1
- · Compatible with filters P906, P926, P946, P956, P976
- · Filters sold separately

CLASS 3 FULL FACE MASK FOR PROTECTION AGAINST FLAME AND THERMAL RADIATION









P516 Filter Selection Guide

Universal Thread Filters EN 148 -1

Code	Filter Type	Class
P906	A2 Gas Filter Universal Thread (Pk6)	A2
P926	ABEK2 Gas Filter Universal Thread (Pk4)	ABEK2
P946	P3 Particle Filter Universal Thread (Pk6)	P3R
P956	A2P3 Combination Filter Universal Thread (Pk4)	A2P3
P976	ABEK2P3 Combination Filter Universal Thread (Pk4)	ABEK2P3R



FULL FACE MASK

CLASS 2 FULL FACE MASK FOR GENERAL USE



P500 VIENNA FULL FACE MASK EN 136 CLASS 2



Thermoplastic Rubber, Polycarbonate, ABS ||||||||X Black



- Class 2 thermoplastic rubber full face mask
- Durable polycarbonate visor provides all round visibility
- Adjustable 6 point quick release harness for a uniform face seal
- Dual bayonet filter connections
 - Compatible with filters P902, P921, P941, P952, P971
 - Filters sold separately













PA00 LENS COVER FILM (PK10)



Cellulose Acetate



- Protective cover for longevity of the product
- Compatible with P500 and P516 full face masks
- · Chemical resistant
- · Quick and easy installation





P999 BAYONET FIT TEST ADAPTER KIT

- · Compatible with all Portwest bayonet filter masks
- Supplied in a durable carry case
- Connects to a portacount machine, enabling quantitative
- The kit comprises of an adapter, sampling tube and a pair of P941 P3 filters

P500 Filter Selection Guide

Bayonet Filters EN143:2007/EN14387:2008

Code	Filter Type	Class
P902	A2 Gas Filter Bayonet Connection (Pk6)	A2
P921	ABEK1 Gas Filter Bayonet Connection (Pk6)	ABEK1
P941	P3 Particle Filter Bayonet Connection (Pk6)	P3R
P952	A2P3 Combination Filter Bayonet Connection (Pk4)	A2P3
P971	ABEK1P3 Combination Filter Bayonet Connection (Pk4)	ABEK 1P3R



FIND THE CORRECT SIZE

These size charts show body measurements and should be used as a guide when choosing the correct size. For example a person with a chest circumference of 108cm -112cm would take a size L when choosing a jacket or coverall.



MEN'S CHEST

INTERNATIONAL	(X	(S		XS			3	М	1	l			XL		X	XL	3)	(L	4)	(L		5XL			6XL			7XL			8XL	
CHEST (CM)	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	164	168	172	176	180	184	188	192	196
CHEST (INCHES)	28	30	32	33	34	36	38	40	41	42	44	46	47	48	50	52	54	55	56	58	60	62	64	65	66	67	69	71	73	74	76	77
EU	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98



MEN'S WAIST

INTERNATIONAL	X)	(S	Х	S	9	6	1	М	l	_	Х	L	X)	(L	3X	(L	4)	(L		5XL			6XL	
WAIST SIZE (CM)	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152
WAIST SIZE (INCH)	22	24	26	28	30	32	33	34	36	38	40	41	42	44	46	47	48	50	52	54	55	56	58	60
EU SIZE 29" Short	18	19	20	21	22	23	24	25	26	27	28	29		30		31		32		33		34		35
EU SIZE 31" Regular	36	38	40	42	44	46	48	50	52	54	56	58		60		62		64		66		68		70
EU SIZE 33" Tall	72	76	80	84	88	92	96	100	104	108	112	116		120		124		128		132		136		140
EU SIZE 36" X-Tall	72	76	80	84	88	92	96	100	104	108	112	116		120		124		128		132		136		140
FR SIZE	30	32	34	36	38	40	42	44	46	48	50	52		54		56		58		60		62		64



WOMEN'S CHEST

INTERNATIONAL	х	S	9	S	l 1	4	L		х	L		XXL		3)	(L		4XL	
CHEST (CM)	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	134	136	144
CHEST (INCH)	30	32	33	34	36	38	40	41	42	44	46	47	48	50	52	53	54	56
EU	30	32	34	36	38	40	42		44	46	48		50		52		54	
FR	32	34	36	38	40	42	44		46	48	50		52		54		56	
IT	36	38	40	42	44	46	48		50	52	54		56		58		60	
UK	4	6	8	10	12	14	16		18	20	22		24		26		28	





WOMEN'S WAIST

INTERNATIONAL	Х	S	:	S	1	М	l	-	Х	L		XXL		3)	(L		4XL	
WAIST SIZE (CM)	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128
WAIST SIZE (INCH)	22	24	26	28	30	32	33	34	36	38	40	41	42	44	46	47	48	50
EU	30	32	34	36	38	40		42	44	46	48		50		52		54	
FR	32	34	36	38	40	42		44	46	48	50		52		54		56	
IT	36	38	40	42	44	46		48	50	52	54		56		58		60	
UK	4	6	8	10	12	14		16	18	20	22		24		26		28	
HIP (CM)	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148



LEG LENGTH



MEN'S BODY HEIGHT

	BODY I	HEIGHT	LEG L	ENGTH
UNITS	СМ	INCH	СМ	INCH
SHORT	160-168	5'3" - 5'6"	74cm	29"
REGULAR	172-180	5'7"- 5'11"	79cm	31"
TALL	184-192	6' 0"- 6'4"	84cm	33"
XTALL	196-204	6'5"- 6'8"	92cm	36"



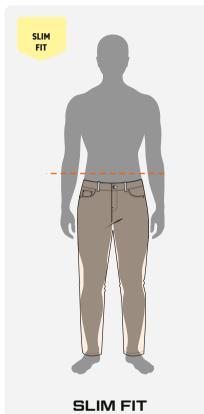
WOMEN'S BODY HEIGHT

	BODY F	HEIGHT	LEG L	ENGTH
UNITS	CM	INCH	CM	INCH
REGULAR	160-168	5'3" - 5'6"	74cm	29"

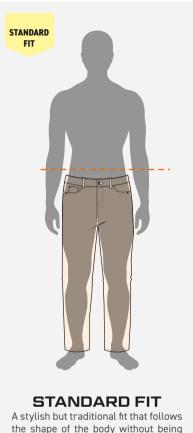
Note: Garment sizes vary depending on the style. To ensure the perfect fit, try them on.

FIT GUIDE

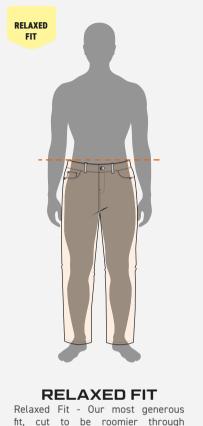
MEN'S TROUSERS



A fitted cut with active styling, our slim fit trousers are manufactured from the highest quality stretch fabric or feature an element of stretch to give you comfort in any working position.



the shape of the body without being too fitted.



fit, cut to be roomier through the leg for ultimate comfort.

WOMEN'S TROUSERS

Our women's trousers are specifically designed for the female anatomy. The trousers are wider at the hips, and narrower at the waist, with a wide range of sizes to choose from.

HAND PROTECTION

For more detail on glove sizing, please refer to section on Hand Protection Range.

XXS	XS	S	М	L	XL	XXL	3XL	4XL
5	6	7	8	9	10	11	12	13

FOOT PROTECTION SIZE CHART

It is recommended to have your foot measured when purchasing footwear as there is no exact standard for converting shoe sizes.

UK WOMEN'S SIZE	1	2	3	4	5	6	6.5	7	8	9									
US WOMEN'S SIZE			5	6	7	8	8.5	9	10	11									
EURO SIZE:	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
UK MENS SIZE	1	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16	17
US MENS SIZE			4	5	6	7	7.5	8	9	10	11	11.5	12	13	14	15	16	17	18

KEY SYMBOLS

GARMENTS

1 layer

This symbol indicates that the garment is unlined and is made using only the outer layer of fabric.

Breathable garment

This symbol indicates that the garment is made of a high nerformance breathable fabric



Detachable lining
This symbol indicates that the garment has detachable



Fully elasticated waistband
This symbol indicates a fully elasticated waistband on the trouser which allows for all-day comfort for the wearer.



Heat applied reflective tape
This symbol indicates that the garment has heat applied reflective tape



Internal tablet pocket

This symbol indicates that an internal tablet pocket is included in the garments which carry this symbol.



RIS symbol

This symbol indicates that the garment meets the rail industry standard for high visibility warning clothing.



waterproof seams.

Taped seams This symbol indicates that the garment has taped



Knee pad pockets Many of our products incorporate knee pad pockets. These garments have been developed to carry our range of ergonomically designed knee pads.



2 laver

This symbol indicates that the garment has 2 layers - an outer and an inner laver.



Hood

This symbol indicates that the garment comes with a nondetachable bood



FR tape

Indicates that the garment has flame resistant reflective



Half elasticated waist

This symbol indicates a half elastic waistband which allows for all-day comfort for the wearer.



Certified after 50x washes

This symbol indicates compliance with EN ISO 20471 after 50 washes* *Minimum requirement under the EN norm is



Multiple storage pockets

This symbol indicates that the garment is designed with multiple pockets.



This symbol indicates that the garments have a radio loop for easy attachment of a radio.



Two-way zipper
This symbol indicates that the zip can be opened from the top or bottom of the garment.



3-in-1 wind resistant

This symbol indicates that the garment is windproof.



3 laver

This symbol indicates that the garment has 3 layers - an outer, a mid and an inner laver



Hood - concealed detachable

This symbol indicates that the garment comes with a detachable hood



FR,IW Indicates that the garment has double-stitched, industrial wash, flame resistant reflective tape.



Heat applied flame resistant tape

This symbol indicates that the garment has heat applied flame resistant reflective tape



Interactive garment

This symbol indicates zip-in fleece or vest feature to create a one-piece garment.



Phone pocket

This symbol indicates that a mobile phone pocket is included in the garment.



Reversible garment

This symbol indicates that garments are reversible.



Welded waterproof seams

This symbol indicates that the garment has high-frequency welded waterproof seams.



Holster pockets

This symbol indicates the trousers have swing away tool

ALL PRODUCT



100% metal free 100% metal free



Dual ID holder

Dual ID holder allows use of both portrait and landscape ID card display



Molten metal

Optional test for safety helmets, it indicates the resistance to molten metals and hot solids projection.



UKCA marked

This symbol indicates UKCA marking.



Industrial wash 85°C Wash at 85°C industrial wash



Anti-scratch design

Anti-scratch design with no exposed metal parts



Free spec cord

Free spec cord with styles showing this symbol.



Print access

This symbol indicates that garments have print/embroidery



UPF 40+

This symbol indicates the fabric has a UPF rating of 40+.



Can with withstand industrial tunnel drying at 155°C.



CE certified

This symbol indicates conformity of essential health and safety requirements as set out in European Directives.



USB rechargeable

This symbol indicates the product has a USB port and is rechargeable



Stretch panelling
This symbol indicates the garment has stretch panelling in key movement areas for greater flexibility.



Ventilation ports

Ventilation ports for maximum breathability

HAND PROTECTION



This symbol indicates that this product has been individually packed for vending machines.



Touchscreen glove

This symbol indicates that this glove can be used with most mobile touchscreen devices.



Knitting gauge

This symbol denotes the knitting gauge of the fabric.



Anti-fog Resistance to fogging

Anti-scratch

Resistance to surface damage and scratches by fine particles.



Lateral deformation Optional test for safety helmets, it indicates the resistance to lateral compressions.



Anti-fog certified

Resistance to fogging. Tested and certified coating applied to both sides of the lenses.



Anti-scratch certified

Resistance to scratches by fine particles. Tested and certified coating applied to both side of the lens.

KEY SYMBOLS

FOOT PROTECTION



200 joule steel toecap



200 joule steel toecap



Fibreglass Toecap



Pierce resistant composite midsole



Pierce resistant steel midsole



Metatarsal protection



Energy absorbing seat region



Mono density sole unit



Dual Density Sole Unit



Slip resistant outsole



Heat resistant outsole 300°C



Non-marking sole unit



Fuel and oil resistant outsole



Anti-static footwear



Waterproof construction



Waterproof membrane



Water resistant upper



Cold insulation



Heat insulation



Wide fitting



FSD



Full grain leather



Cow suede leather



Metal free



Chemical resistant



UK Conformity Assessed



European Conformity

KEY FEATURES



Multi-way Garment This symbol indicates the garment is multi-functional and can be worn different ways.



MADE FOR WOMEN

Made for women This symbol indicates that the products have been designed for a women's fit.



Extended sizes Indicates the size range of the product from smallest to largest size.



IMPROVED

Improved

Indicates an improvement to the existing product.



Indicates that clothing has tested to EN342 protective clothing against cold.



Maternity Fit This symbol indicates products that have been specifically designed for pregnant women.



New style This symbol indicates a new product has been added to the brochure.



NEW COLOUR

New colour Indicates that a new colour/colours have been added to the style.



Insulated This symbol indicates the garment is padded to trap the heat and increase warmth.



Portwest planet This symbol indicates eco conscious products made using certified recycled or sustainable fabrics or materials.



PET bottles used Indicates the number of PET bottles used, calculated using a 550ml bottle and based on a size L product.



DESIGNED FOR RECYCLING

This symbol indicates that the product is



Lined This symbol indicates the garment is lined for added warmth and comfort.



4-way stretch 4-way stretch fabrics extend in both directions - crosswise and



CE CAT III Indicates the product is CE marked as a Category 3 item for complex design.



designed for recycling

2xPU Double PU coating for guaranteed waterproofness.



Fit type Indicates the type of fit to suit body shape. Slim/Regular Fit.



2-way stretch 2-way stretch fabric is made using an elastane yarn woven into the fabric from edge to edge.



European flag This symbol indicates that the product is manufactured in the European Union.

PACK AND CARTON QUANTITY



Indicates that the item is shipped with a retail box to aid product presentation for retail sales.



Garment Hanger

This symbol indicates that this item is shipped with a retail tag to aid product presentation for retail sales.



Retail Bag

This symbol indicates that this packaging aids product presentation for retail sales



Retail Tag
This symbol indicates that this item is shipped with a retail tag to aid product presentation for retail sales.



Blister packed

This symbol indicates that items are blister-packed for retail sales.

PRODUCT DETAIL SYMBOLS

********** This symbol indicates garment fabric details.

Contrast Fabric

This symbol indicates the garment contrast fabric details.

Lining This symbol indicates the garment lining details γ

Wadding This symbol indicates the garment wadding details.

X-Colour This symbol indicates the standard colours within that product range.



Y-Colour and Z-Colour

This symbol indicates a colour that incurs a price higher than the standard colour.



This symbol indicates the material used in the upper of the product.



Sole

This symbol indicates the material used in the sole of the product. The F code refers to the outsole design



RETAIL READY PRODUCTS

DRIVE BRAND AWARENESS & INCREASE SALES

Introducing our newly extended suite of products that are retail ready. All of these products have been carefully packaged in attractive, retail friendly packaging which specific features such as a retail hanger, retail hook, retail tag, retail bag or a blister pack.

Our newly designed packaging is fully on brand and will stand out from the crowd in a busy retail environment enabling you to sell more of products and generate greater Portwest brand presence.









RETAIL READY INDEX

The products listed below are retail ready, they are packed with either a retail hanger, retail hook, retail tag, retail bag or are blister packed.

Code		Code		Code		Code		Code		Code		Code		Code	
A001	588	A655	582	A905	637	CS24	422	KP40	506	P941	811	PS47	769	PW82	508
A002	588	A660	577	A910	637	CS25	504	KP44	507	P946	812	PS48	771	PW83	509
A106	621	A661	577	A925	636	CT21	584	KP45	507	P950	810	PS58	757	PW84	509
A109	620	A665	577	A930	636	CT32	584	KP50	506	P952	811	PS59	761	PW85	509
A120	619	A667	575	AP01	607	CT45	578	KP60	506	P956	812	PS69	762	PW86	509
A124	618	A670	574	AP02	613	CT46	578	L440	384	P970	810	PS80	750	PW89	761
A128	619	A671	574	AP10	611	CT65	576	L450	381	P971	811	PS89	763	PW90	759
A140	608	A672	573	AP30	612	CT67	572	P005	808	P976	812	PS95	759	PW91	759
A143	608	A673	573	AP31	587	CT90	588	P100	808	P978	810	PW11	788	PW92	759
A145	607	A674	574	AP32	586	CV06	423	P101	808	PA00	813	PW13	792	PW93	759
A146	607	A688	582	AP35	612	D340	531	P153	808	PA03	757	PW14	792	PW94	759
A174	620	A689	588	AP36	612	EP02	772	P200	807	PA44	756	PW15	792	PW96	759
A175	621	A690	588	AP50	579	EP04	773	P201	807	PA45	756	PW17	793	PW98	753
A195	619	A691	588	AP52	585	EP06	772	P203	807	PA47	756	PW20	797	PW99	759
A197	605	A700	600	AP55	596	EP07	773	P209	807	PA48	756	PW21	797	S156	507
A198	605	A710	600	AP60	635	EP08	772	P220	807	PA49	756	PW22	797	S250	381
A199	605	A715	597	AP62	613	EP09	772	P223	807	PA50	211	PW24	796	S251	381
A250	628	A720	600	AP65	614	EP10	773	P250	806	PA55	756	PW25	796	S350	380
A270	628	A721	596	AP71	590	EP12	772	P251	806	PA63	211	PW26	796	S351	380
A271	609	A722	596	AP72	590	EP16	773	P271	806	PA70	211	PW29	761	S376	207
A290	603	A723	595	AP74	591	EP21	773	P290	806	PA71	211	PW30	785	S440	384
A311	616	A726	597	AP75	591	EP30	772	P291	806	PA72	211	PW32	789	S441	384
A312	617	A727	595	AP80	613	F440	371	P292	806	PR32	789	PW33	794	S450	382
A313	614	A729	597	AP81	579	F441	377	P301	805	PS04	783	PW34	790	S451	382
A319	616	A740	600	APB80	613	F476	207	P303	805	PS07	790	PW35	794	S452	383
A335	617	A742	594	B013	505	FC81	718	P304	805	PS09	787	PW37	793	S453	383
A340	621	A745	594	B026	505	FC82	718	P305	805	PS10	782	PW38	792	S475	206
A350	615	A751	609	B028	210	FC86	718	P306	804	PS11	788	PW39	792	S476	206
A351	615	A755	593	B029	210	FC87	718	P309	805	PS12	788	PW40	770	S810	479
A352	615	A770	599	B031	505	FC88	718	P350	804	PS13	782	PW41	771	S817	479
A353	615	A771	599	B033	210	FC90	718	P351	804	PS17	791	PW42	769	SK11	719
A354	615	A772	598	B034	210	FC94	718	P371	805	PS18	791	PW43	770	SK12	719
A360	618	A774	599	B131	416	FL02	718	P390	804	PS19	782	PW47	769	SK13	719
A590	624	A775	598	B133	416	FR57	315	P391	804	PS20	783	PW48	770	SK18	719
A611	580	A776	599	B151	416	GL12	504	P392	804	PS21	797	PW56	757	SK20	273
A620	587	A780	603	B153	416	GL13	504	P410	810	PS22	796	PW58	757	SK21	719
A621	580	A790	603	B171	415	GL14	504	P418	810	PS23	783	PW59	762	SK22	273
A622	585	A770	602	B173	415	GL14	504	P421	811	PS24	784	PW60	758	SK23	719
A625	581	A792	601	B176	414	H448	140	P431	811	PS25	784	PW62	768	SK24	719
A626	581	A801	634	B183	414	HA10	505	P440	810	PS29	787	PW65	758	SK33	719
A630	581	A802	634	B184	414	HA13	505	P441	810	PS30	785	PW66	758	SK34	719
A631	583	A803	634	C105	472	HA14	505	P500	813	PS32	789	PW68	758	ST30	738
A632	583	A810	635	C276	207	HA18	757	P516	812	PS33	794	PW69	763	ST36	738
A635	587		+				-								_
A640	581	A812	633	C376 C476	207	HV14 HV29	757	P900 P902	810	PS34	790 793	PW72	767	ST40 ST50	742 740
A641	619	A813	633	C476	207	ID10	757 757	P902 P906	811	PS35 PS41	773	PW73 PW75	767	ST60	740
		A814	633						 	-	-		768		
A643	586	A820	633	C565	161	KP10	506	P920	810	PS43	767	PW76	768	ST70	742
A645	582	A881	634	CS20	505	KP20	506	P921	811	PS44	771	PW78	769	ST80	739
A646	580	A882	604	CS21	504	KP30	506	P926	812	PS45	769	PW79	763	ST90	737
A650	577	A900	637	CS23	505	KP33	507	P940	810	PS46	770	PW80	508	-	

= NEW

Code		Code		Code		Cod	e 🗇		Code		(Code		Code	
2201	528	A199	605	A520	631	A7	10 600		A925	636		AP81	579	B300	493
2202	529	A200	628	A521	630	A7	15 597		A930	636		APB80	613	B302	489
2205	529	A209	627	A530	631	A7:	20 600		AB020	629		AS10	503	B303	194
2206	529	A210	627	A540	630	A7:	21 596		AB030	629		AS11	503	B304	194
2207	529	A219	627	A590	624	A7:	22 596		AB129	619			503	B305	194
2208	528	A220	627	A611	580	A7:	23 595		AB350	615		AS20	502	B306	194
2209	528	A225	609	A620	587	A7:	26 597		AB351	615		AS21	502	B308	194
2802	475	A229	626	A621	580	A7:	27 595		AB622	585		AS22	502	B309	493
2852	544	A230	626	A622	585	A7:	29 597		AB810	635		AS24	502	B310	493
2885	472	A250	628	A625	581	A7	40 600		AC01	589		AS26	502	B312	491
A001	588	A260	628	A626	581	A7-	42 594		AC05	589		B010	505	B315	194
A002	588	A270	628	A630	581	A7	45 594		AC10	589	_	B013	505	B316	194
A050	629	A271	609	A631	583	A7	51 609		AC20	589		B026	505	B317	194
A080	625	A280	609	A632	583	A7	55 593		AF53	276	_	B028	210	B318	492
A100	620	A290	603	A635	587	A7	70 599		AF73	277	_	B029	210	B330	493
A105	620	A300	622	A640	581	A7	71 599		AF91	275	_	B030	210	B900	512
A106	621	A302	622	A641	619	A7	72 598		AP01	607	_	B031	505	B901	512
A109	620	A310	616	A643	586	A7	74 599		AP02	613	_	B033	210	B903	512
A110	624	A311	616	A645	582	A7	75 598		AP10	611	_	B034	210	B904	510
A111	625	A312	617	A646	580	A7	76 599		AP12	611	_	B120	417	B905	510
A113	625	A313	614	A650	577	A7	80 603		AP15	586	_	B121	417	B907	513
A115	608	A315	616	A655	582	A7	90 603	_	AP18	584	l .	B123	417	B908	513
A118	624	A319	616	A657	575	A7	91 602		AP30	612		B125	417	B909	513
A120	619	A320	617	A660	577	A7	92 601		AP31	587		B126	417	B910	512
A121	619	A330	622	A661	577	A8	00 637		AP32	586		B131	416	B914	511
A123	619	A335	617	A665	577	A8	01 634		AP33	587	l _	B133	416	B916	510
A124	618	A340	621	A667	575	A8	02 634		AP34	586	l _	B151	416	B920	461
A128	619	A350	615	A670	574	A8	03 634		AP35	612	_	B153	416	B921	461
A130	625	A351	615	A671	574	A8	10 635		AP36	612	l _	B171	415	B922	461
A135	620	A352	615	A672	573	A8	12 633		AP50	579		B173	415	B950	511
A140	608	A353	615	A673	573	A8	13 633		AP52	585		B181	414	B951	511
A143	608	A354	615	A674	574	A8	14 633		AP55	596		B183	414	B955	510
A145	607	A355	614	A688	582	A8	20 633		AP60	635	_	B184	414	B960	511
A146	607	A360	618	A689	588	A8	27 635		AP62	613		B192	498	BIZ1	327
A150	620	A400	623	A690	588	A8	35 635		AP65	614		B195	498	BIZ2	326
A174	620	A427	623	A691	588	A8	45 635	_	AP71	590		B196	499	BIZ4	327
A175	621	A435	623	A696	605	A8	31 634	_	AP72	590		B197	499	BIZ5	325
A185	608	A445	623	A697	605	A8	32 604	_	AP74	591		B209	496	BIZ6	329
A195	619	A450	609	A698	605	A9	00 637		AP75	591	_	B210	496	BIZ7	297
A197	605	A500	631	A699	605	A9	05 637		AP76	591	l _	B212	496	BX321	461
A198	605	A510	631	A700	600	A9	10 637		AP80	613		B218	496	BZ11	331

Code		Code		Code		Code		Code		Code		Code	
BZ12	331	C474	209	CD875	149	CW10	464	DX473	150	EV441	433	FC10	684
BZ13	324	C475	209	CD876	395	CW11	464	DX474	387	EV442	165	FC11	683
BZ14	324	C476	207	CD881	455	D100	531	DX475	146	EV460	367	FC12	682
BZ17	325	C481	208	CD883	454	D102	531	DX476	394	EV461	357	FC14	684
BZ30	326	C494	209	CD884	469	D118	531	DX477	191	EV464	386	FC15	684
BZ31	328	C496	207	CD885	454	D340	531	DX479	150	EV470	400	FC16	706
BZ506	329	C565	161	CD886	455	DX410	494	DX480	490	EV473	487	FC17	681
C030	328	C701	470	CD887	455	DX411	497	DX481	190	EV475	432	FC18	679
C070	525	C711	470	CD888	177	DX412	199	DX482	191	EV480	408	FC19	679
C071	525	C720	468	CD889	177	DX413	201	DX483	191	F205	413	FC21	685
C072	521	C733	523	CH11	481	DX414	494	DX484	191	F250	157	FC25	659
C073	521	C734	522	CH12	481	DX415	497	E041	183	F282	413	FC26	715
C074	518	C735	521	CH14	480	DX416	195	E043	185	F285	413	FC44	683
C075	524	C738	521	CH15	480	DX430	113	E046	183	F300	156	FC53	684
C076	519	C746	519	CR01	482	DX440	437	E049	184	F301	156	FC57	673
C078	524	C802	475	CR15	483	DX441	436	E052	160	F302	157	FC58	681
C079	524	C811	478	CR40	483	DX442	166	EC10	200	F303	157	FC60	683
C099	470	C813	474	CS10	419	DX443	435	EC11	198	F374	209	FC61	683
C105	472	C814	478	CS11	419	DX444	437	EC12	202	F400	413	FC63	685
C184	476	C815	474	CS12	418	DX445	167	EC13	194	F401	412	FC64	685
C195	519	C820	541	CS20	505	DX446	167	EC195	499	F409	412	FC65	684
C276	207	C821	537	CS21	504	DX449	437	EC210	496	F414	407	FC66	685
C357	207	C833	523	CS23	505	DX450	375	EC24	149	F433	412	FC67	664
C370	208	C834	522	CS24	422	DX451	435	EC300	492	F438	371	FC81	718
C372	208	C835	520	CS25	504	DX452	437	EC40	181	F440	371	FC82	718
C374	209	C836	523	CT21	584	DX453	169	EC60	121	F441	377	FC86	718
C375	208	C837	522	CT32	584	DX454	168	EC70	156	F465	372	FC87	718
C376	207	C838	520	CT45	578	DX456	435	EC76	208	F474	209	FC88	718
C377	207	C846	518	CT46	578	DX457	169	EP02	772	F476	207	FC90	718
C387	466	C851	544	CT65	576	DX458	374	EP04	773	F477	495	FC94	718
C394	203	C852	544	CT67	572	DX460	359	EP06	772	F813	465	FD01	672
C395	203	C859	472	CT90	588	DX461	114	EP07	773	FB30	335	FD02	672
C464	128	C865	545	CV01	421	DX462	96	EP08	772	FB31	335	FD03	690
C465	127	C875	473	CV02	421	DX463	368	EP09	772	FC01	699	FD04	680
C466	126	C881	473	CV04	422	DX465	352	EP10	773	FC02	700	FD10	687
C467	126	C890	477	CV05	422	DX466	108	EP12	772	FC03	700	FD11	686
C468	128	CD860	123	CV06	423	DX467	488	EP16	773	FC04	699	FD15	687
C469	111	CD861	176	CV07	423	DX468	396	EP20	773	FC06	661	FD17	705
C470	208	CD870	390	CV09	421	DX470	401	EP21	773	FC07	659	FD27	677
C472	208	CD871	411	CV10	423	DX471	401	EP30	772	FC08	661	FD33	682
C473	208	CD874	390	CV11	422	DX472	490	EV440	433	FC09	662	FD37	677

Code		Code		Code			Code			Code		Code		Code	
FD61	701	FR38	305	FR701	268		FT60	663		FW45	711	HA14	505	KX363	394
FD62	701	FR401	302	FR702	266	-	FT62	699	-	FW46	712	HA18	757	KX370	499
FD84	708	FR402	261	FR703	264	-	FT63	692	-	FW47	712	HB10	210	KX371	410
FD85	704	FR404	321	FR704	247	-	FT64	692	-	FW48	700	HF50	211	KX374	405
FD90	708	FR405	262	FR71	323	-	FT71	686	-	FW51	695	HV12	211	KX380	447
FD95	708	FR406	250	FR710	269		FV01	670		FW57	673	HV14	757	L043	185
FE01	674	FR407	252	FR711	271		FV02	671		FW58	703	HV29	757	L049	184
FE02	675	FR409	251	FR712	271		FW02	693	-	FW59	688	HV50	211	L210	496
FE03	675	FR41	290	FR714	250		FW03	691	-	FW63	693	HV55	210	L440	384
FE04	676	FR410	281	FR715	251		FW05	689	-	FW64	693	HV56	210	L450	381
FE05	676	FR412	321	FR716	264		FW06	707	-	FW65	687	ID10	757	L701	471
FF50	307	FR414	249	FR72	265	-	FW07	682	-	FW66	673	ID40	210	LW12	540
FL02	718	FR415	255	FR720	318		FW09	694	-	FW67	717	JN14	209	LW13	541
FR03	271	FR416	253	FR722	249		FW10	694	-	FW69	688	KP05	507	LW15	541
FR06	299	FR43	290	FR74	267	-	FW11	690	=	FW71	710	KP10	506	LW17	538
FR07	299	FR46	291	FR75	323	_	FW12	707	-	FW74	710	KP20	506	LW18	539
FR08	298	FR47	291	FR76	266		FW13	707		FW75	711	KP30	506	LW19	538
FR09	273	FR50	306	FR77	267	_	FW14	694	-	FW80	702	KP33	507	LW20	540
FR10	271	FR501	303	FR79	292	-	FW16	697	=	FW81	702	KP40	506	LW21	536
FR101	311	FR502	303	FR80	295	-	FW17	697	=	FW82	703	KP44	507	LW22	536
FR11	272	FR503	262	FR81	269	_	FW19	717		FW83	702	KP45	507	LW63	545
FR12	270	FR507	254	FR85	323	_	FW20	717	_	FW84	709	KP50	506	LW70	125
FR14	272	FR509	255	FR89	319	_	FW21	696	_	FW85	695	KP60	506	LW71	181
FR18	273	FR51	310	FR90	296	_	FW22	705	_	FW88	702	KS15	468	LW72	199
FR19	273	FR53	316	FR92	296	_	FW23	689	_	FW90	709	KS18	469	LW74	121
FR20	273	FR55	314	FR93	301	_	FW24	691	_	FW94	709	KS31	491	LW97	472
FR21	309	FR56	315	FR95	319	_	FW25	695	_	FW95	709	KS32	491	MV25	258
FR22	310	FR57	315	FR96	268	_	FW26	696	_	G465	127	KS54	479	MV26	258
FR25	312	FR59	317	FR98	333	_	FW29	706	_	GL12	504	KS63	204	MV28	259
FR26	313	FR60	294	FT05	673		FW31	697	_	GL13	504	KX310	447	MV29	257
FR27	313	FR601	302	FT08	662		FW32	688	_	GL14	504	KX312	446	MV35	256
FR28	308	FR602	261	FT12	706	_	FW33	668	_	GL16	504	KX340	445	MV36	256
FR29	311	FR605	281	FT13	706	_	FW34	667	_	H440	140	KX341	170	MV46	259
FR30	270	FR61	293	FT15	666	_	FW35	697	_	H441	140	KX342	444	MV70	244
FR31	265	FR62	293	FT18	666	_	FW36	667		H442	141	KX343	446	MV71	245
FR32	322	FR63	295	FT20	716		FW39	668		H443	139	KX344	447	MV72	246
FR33	322	FR64	279	FT25	667	_	FW40	717		H444	139	KX345	444	MV73	246
FR34	311	FR65	279	FT35	664	_	FW41	696		H445	141	KX346	170	MV91	257
FR35	304	FR66	300	FT36	663		FW42	696	-	H448	140	KX360	361	MX28	263
FR36	304	FR68	300	FT42	686		FW43	689	-	HA10	505	KX361	373	P005	808
FR37	305	FR69	318	FT50	668		FW44	690	-	HA13	505	KX362	389	P100	808

Code		Code		Code		Code		Code		Code		Code	
P101	808	P941	811	PS11	788	PS95	759	PW30	785	PW365	110	PW73	767
P153	808	P946	812	PS12	788	PS96	758	PW302	153	PW367	105	PW75	768
P200	807	P950	810	PS13	782	PS97	758	PW303	171	PW369	115	PW76	768
P201	807	P952	811	PS17	791	PV50	754	PW304	450	PW37	793	PW78	769
P203	807	P956	812	PS18	791	PV60	754	PW305	450	PW370	193	PW79	763
P209	807	P970	810	PS19	782	PV64	754	PW306	171	PW371	151	PW80	508
P220	807	P971	811	PS20	783	PW11	788	PW307	173	PW374	151	PW82	508
P223	807	P976	812	PS21	797	PW13	792	PW308	204	PW375	147	PW83	509
P250	806	P978	810	PS22	796	PW14	792	PW309	205	PW376	193	PW84	509
P251	806	P999	813	PS23	783	PW15	792	PW310	201	PW377	192	PW85	509
P271	806	PA00	813	PS24	784	PW17	793	PW311	201	PW378	389	PW86	509
P290	806	PA01	795	PS25	784	PW20	797	PW312	196	PW379	193	PW89	761
P291	806	PA02	795	PS29	787	PW21	797	PW32	789	PW38	792	PW90	759
P292	806	PA03	757	PS30	785	PW210	495	PW322	448	PW380	451	PW91	759
P301	805	PA04	757	PS32	789	PW211	498	PW325	151	PW381	147	PW92	759
P303	805	PA11	756	PS33	794	PW212	199	PW326	193	PW382	117	PW93	759
P304	805	PA30	795	PS34	790	PW213	201	PW327	192	PW385	171	PW94	759
P305	805	PA31	795	PS35	793	PW219	495	PW329	398	PW386	136	PW96	759
P306	804	PA44	756	PS41	771	PW22	797	PW33	794	PW389	122	PW97	755
P309	805	PA45	756	PS43	767	PW220	197	PW330	370	PW39	792	PW98	753
P350	804	PA47	756	PS44	771	PW221	197	PW335	154	PW399	452	PW99	759
P351	804	PA48	756	PS45	769	PW231	155	PW337	489	PW40	770	R413	159
P371	805	PA49	756	PS46	770	PW24	796	PW34	790	PW41	771	R440	159
P390	804	PA50	211	PS47	769	PW240	459	PW340	172	PW42	769	R460	158
P391	804	PA55	756	PS48	771	PW241	178	PW342	136	PW43	770	R461	158
P392	804	PA58	756	PS52	755	PW242	178	PW343	174	PW47	769	R476	159
P410	810	PA63	211	PS53	751	PW243	459	PW344	173	PW48	770	R477	159
P418	810	PA70	211	PS54	752	PW244	178	PW345	452	PW50	755	RT20	208
P421	811	PA71	211	PS55	752	PW25	796	PW346	452	PW53	756	RT22	200
P431	811	PA72	211	PS57	755	PW26	796	PW347	453	PW54	752	RT23	202
P440	810	PB55	753	PS58	757	PW260	363	PW348	174	PW55	752	RT26	207
P441	810	PC55	753	PS59	761	PW261	118	PW35	794	PW56	757	RT27	103
P500	813	PG54	753	PS60	755	PW265	123	PW351	132	PW58	757	RT30	120
P516	812	PJ10	404	PS61	755	PW270	411	PW352	132	PW59	762	RT31	137
P900	810	PJ20	404	PS62	755	PW271	390	PW353	378	PW60	758	RT32	129
P902	811	PJ50	153	PS63	751	PW273	492	PW355	134	PW62	768	RT34	120
P906	812	PR32	789	PS69	762	PW274	155	PW356	134	PW65	758	RT40	181
P920	810	PS04	783	PS73	751	PW275	149	PW357	449	PW66	758	RT42	186
P921	811	PS07	790	PS79	760	PW277	193	PW358	449	PW68	758	RT43	186
P926	812	PS09	787	PS80	750	PW278	390	PW360	97	PW69	763	RT44	157
P940	810	PS10	782	PS89	763	PW29	761	PW362	362	PW72	767	RT45	183

Code		Code		Code			Code			Code			Code			Code		
RT46	182	S381	403	S482	376		S760	125		S998	478		T501	172		TK51	395	
RT48	182	S385	369	S485	133	-	S765	107	-	S999	476		T601	453	_	TK53	392	
RT49	182	S388	135	S487	137	-	S766	107	-	SK05	719		T602	453	_	TK54	392	
RT50	143	S412	407	S488	135	-	S768	106	-	SK11	719		T603	451	_	TX10	462	
RT51	144	S414	407	S489	133	-	S769	153	-	SK12	719		T604	376	_	TX11	463	
RT60	124	S415	406	S490	142	_	S770	287	-	SK13	719		T701	441	_	TX12	463	
RT61	137	S418	406	S491	142		S773	283		SK18	719		T702	442	_	TX14	462	
RT62	130	S424	148	S493	144		S774	282		SK20	273		T703	441		TX15	463	
RT63	124	S425	148	S495	145		S775	286		SK21	719		T704	443		TX16	463	
S156	507	S426	103	S496	143		S776	284		SK22	273		T706	442		TX18	462	
S160	124	S427	102	S497	145		S778	282		SK23	719		T710	443		TX36	458	
S161	130	S428	148	S503	373		S779	283		SK24	719		T711	443		TX50	179	
S162	111	S429	148	S505	365	_	S780	285	_	SK33	719		T718	441	_	TX51	179	
S166	125	S431	353	S507	355		S781	285		SK34	719		T719	442		TX52	179	
S170	202	S433	360	S523	365	_	S783	289	_	ST11	530		T720	495	_	TX55	179	
S171	200	S434	373	S530	364	_	S785	288	_	ST30	738		T722	495	_	TX61	458	
S172	203	S435	372	S532	354		S787	467		ST31	743		T740	360		TX70	180	
S173	203	S437	362	S543	399	_	S790	471	_	ST36	738		T745	438	_	TX71	180	
S174	200	S438	385	S544	405	_	S792	526	_	ST40	742		T746	439	_	TX72	180	
S175	200	S440	384	S545	399		S793	526	_	ST43	743		T747	439		VB120	563	
S178	198	S441	384	S546	399		S797	471		ST44	743		T748	438		VB310	563	
S179	202	S450	382	S547	397		S810	479	=	ST45	743		T750	388		VB620	563	
S231	457	S451	382	S548	152		S816	477	=	ST47	743		T751	394		VB622	563	
S232	457	S452	383	S549	397	_	S817	479	_	ST50	740	_	T752	402				
S233	456	S453	383	S553	353	_	S839	526	_	ST60	741	_	T753	388				
S234	457	S460	120	S555	371	_	S840	526	_	ST70	742		T755	409				
S235	456	S461	120	S556	377	_	S841	526	_	ST80	739		T756	409				
S250	381	S462	121	S562	364	_	S843	527	_	ST90	737	_	T801	445				
S251	381	S463	129	S570	355	_	S845	526	_	SW10	331	_	T802	445				
S266	129	S466	119	S574	355		S849	527	_	SW20	331		T803	446				
S267	131	S467	119	S585	379	_	S855	527	_	SW31	330		T830	410				
S271	198	S468	109	S590	98	_	S887	467	_	SW32	331		T831	491				
S277	198	S469	131	S591	99	_	S889	467	_	SW33	331		T832	402				
S278	198	S471	109	S592	99	_	S896	527	_	SW34	330		TB02	513				
S279	198	S475	206	S593	101	_	S899	527	_	T180	199		TK20	393				
S280	198	S476	206	S594	100	_	S903	527	_	T181	201		TK21	393				
S350	380	S477	200	S597	100	_	S904	527	_	T184	196		TK22	395				
S351	380	S478	202	S598	138		S905	466	_	T185	196		TK40	391				
S365	127	S479	200	S600	370	_	S917	465	_	T400	116		TK41	391				
S376	207	S480	138	S665	412	_	S918	465	_	T402	147		TK42	391				
S378	202	S481	376	S687	466		S919	185	_	T500	174		TK50	392	=			



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