



PORTWEST[®]

PEAK PROTECTION

WIND ENERGY

PROTECTIVE WEAR





At Portwest we are passionate about safety. We aim to offer a solution for all safety needs, and are driven to design and create high performance, quality workwear, protective clothing and PPE. This range of products has been carefully selected for the workwear and safety needs of workers in the wind energy industry.

WIND ENERGY INDUSTRY END TO END SAFETY SOLUTION

Over the past 100 years, our design experts have developed a deep understanding of the safety needs of workers across many industries including those of the wind energy industry. This experience has helped us to develop end to end safety solutions that are designed to meet the needs of each profession within that industry. Our expert design team are constantly researching and innovating to offer our customers the best solution for their safety needs.



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WIND ENERGY INDUSTRY HAZARDS



HEAT AND FLAME

Fire or explosion of wind turbines is a serious risk to the health and safety of workers on wind farms due to the use of combustible materials. Heat and flame are a common encounter in this industry, whether it is radiant, convective, or conductive heat, serious injuries and even fatalities are caused by heat and flame hazards. Inherent flame-resistant fabrics offer a source of protection to the worker faced with these dangerous hazards.



ELECTRIC ARC

An electric arc is a rapid or instantaneous electric discharge of high current between conductors generating very bright light and intensive heat. Electrical arc and electrical shocks are a concern for those working inside wind turbines. Electrical arcs and electrical shocks can lead to electrical burns and electrocution. If a worker is in close proximity to an arc flash serious injury or death can occur.



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.



LOW VISIBILITY

Mechanical hazards such as moving parts of machinery pose a serious hazard to individuals working on wind energy sites, causing threat of serious injury or death. It is vital to the safety of personnel to be visible under various light conditions throughout the course of the day and throughout seasonal daylight changes.



IMPACT

Head, hand or foot, impact is a serious workplace hazard. Workers on wind farms often work at height and are exposed to severe weather conditions such as high winds which pose additional risk of falling or flying objects, causing threat of injury to workers. Appropriate protection is required to ensure personnel safety.



EYE INJURY

Everyday workers in the wind industry across the globe lose valuable working hours or suffer potential life changing injuries due to eye accidents. Safety goggles provide powerful optical protection against workplace hazards.





INNOVATION IS IN OUR DNA

Continuous innovation ensures our protective wear meets the ever evolving demands of workers across multiple industries.

Our development includes the most advanced fabrics and tapes, uncompromising durability, increased certification, smart components and enhanced protective features to ensure wearer safety and enhanced job performance.

INDUSTRY LEADING FABRICS

Our fabrics need to work hard. They need to protect and be comfortable, stretch and be durable, perform and be skin friendly. Great care and consideration is given to the selection of each and every fabric that is used across the entire range.



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.



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.



This durable, stretchable fabric is tear resistant, anti-fungal, oil, fat, diesel and grease resistant and can be easily wiped clean. All garments are finished with high frequency welded seams ensuring maximum water-resistance.



This high performance fabric has been engineered to provide a technical barrier against the elements providing the maximum waterproof, breathable and windproof protection. The microporous fabric delivers exceptional stretch characteristics. The exterior fabric surface is treated with a Texpel finish to protect against water and oil stains.

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 protective 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 a new UK product marking that is used for goods being placed on the market in Great Britain. It covers most goods that previously required the CE marking, known as 'new approach' goods. At the time of print (2021), all Portwest products which carry the CE marking are also being tested and certified under UKCA. In Northern Ireland, products will carry both the CE and UKCA marks.

Portwest products are also tested to ISO, ANSI, NFPA and ASTM in the United States, AS/NZS in Australia, New Zealand. Work is in progress to test and certify some key products to ESMA in the UAE and the Russian EAC (TR CU 019/2011) standards.



YOUR CUSTOM PRODUCT DESIGNED FOR YOU - FROM CONCEPT TO PRODUCTION

YOUR
LABELLING
AND SIZE
RANGE



YOUR
BRANDING



CUSTOM DESIGN



YOUR FABRIC
SELECTION

YOUR PACKAGING



DESIGNED / SAMPLED / CERTIFIED
PRODUCED AND DELIVERED

MADE FOR WOMEN



FIT FOR PURPOSE

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.





A COMPLETE KIT SOLUTION

Ensure workers are best protected by supplying a protective wear kit to help safeguard against common hazards faced in the wind energy industry. Portwest offer a complete solution for all your safety needs.



FLAME RESISTANT PROTECTION

This industry leading flame resistant range provides multi standard protection for hazardous environments. These state of the art products are the result of years of experience combined with advanced technology and market research. Commitment to the health, safety and comfort of the wearer can be seen in the wide range of products suitable for use by workers in the wind energy industry.

FLAME RESISTANT INDUSTRY EXPERTS

Portwest offers an advanced range of flame resistant workwear and PPE products and each year sell millions of units in over 130 countries worldwide.

Certified against the latest European, USA and Australian standards, the ranges proven performance can protect against multiple hazards and risks.

In the face of dangerous conditions, Portwest provides the best preventative measures with trusted products and advanced technology.

LEADING RANGE OF MULTI STANDARD PRODUCTS

- ✔ **120+** styles
- ✔ **Wide range** of European, USA and Australian certified standards
- ✔ **Excellent quality**
- ✔ Wide variety of **colours**
- ✔ **Trusted** and advanced technology
- ✔ **High stock** availability



MODAFLAME™



PREMIUM INHERENT FLAME PROTECTION



Inherently Flame Resistant Modaflame 280g

Modaflame is an inherently flame resistant fabric. This high specification fabric is constructed from an inherently flame resistant yarn, composed of a special blend of 60% modacrylic fibre, 39% cotton and 1% carbon fibre.



Modaflame Knit 200g, 280g, 300g

Constructed from an inherently fire resistant yarn of 60% modacrylic, 39% cotton and 1% carbon fibre. Tested to exceed the required EN Standards, the Modaflame Knit range is strong, durable and highly innovative.



High Visibility Modaflame 210g, 280g, 300g

Available in both woven and knit fabrics to EN ISO 20471 standard. Constructed from an inherently fire resistant yarn of 60% modacrylic, 39% cotton and 1% carbon fibre.



Hi-Vis Orange Modaflame HVO Woven 300g

Constructed from 61% modacrylic, 18% viscose, 15% polyester, 5% aramid, 1% carbon fibre, Modaflame HVO woven uses advanced technology to provide protection in a multi-risk environment.



Modaflame HVO Knit 220g, 300g

Modaflame HVO Knit provides inherent flame resistance, high visibility and anti static protection. The high performance fibres are blended without any chemical treatment giving Modaflame HVO Knit it's unparalleled soft, natural touch and appearance.



Modaflame Rain 350g

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.



Modaflame Softshell 350g

Constructed from 100% Polyester 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 350g. 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.

BIZFLAME

PREMIUM FLAME RESISTANCE



Flame Resistant Bizflame Plus

350g, 280g, 210g, 160g

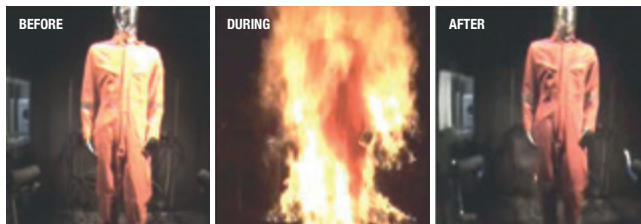
Bizflame™ has a proprietary flame resistant finish which, when applied to fabric, gives excellent flame resistance. All of the Bizflame fabrics use the highest quality raw materials, ensuring the perfect balance of comfort and strength.

- High ATPV on Bizflame Plus 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.

BURN INJURY PREDICTION TESTING:

Testing Bizflame fabric (style FR50) to ISO 13506 at BTTG Fire Technology Services (four seconds).

Testing is carried out after exposure to flame engulfment for a period of four seconds on a fully clothed manikin with data collected for 60 seconds after the burn.



OTHER BIZFLAME FABRICS:



99% COTTON,
1% CARBON FIBRE



100% COTTON



80% COTTON, 19% POLYESTER,
1% ANTISTATIC CARBON FIBRE,
TWO-LAYER PTFE LAMINATION,
PU COATED, FLUOROCARBON FINISH



80% COTTON,
19% POLYESTER,
1% CARBON FIBRE



100% POLYESTER,
WARP KNITTED



98% POLYESTER, 2% ANTISTATIC
CARBON FIBRE, BREATHABLE,
PU COATED



88% COTTON,
12% NYLON



98% POLYESTER
2% CARBON FIBRE,
WARP KNITTED



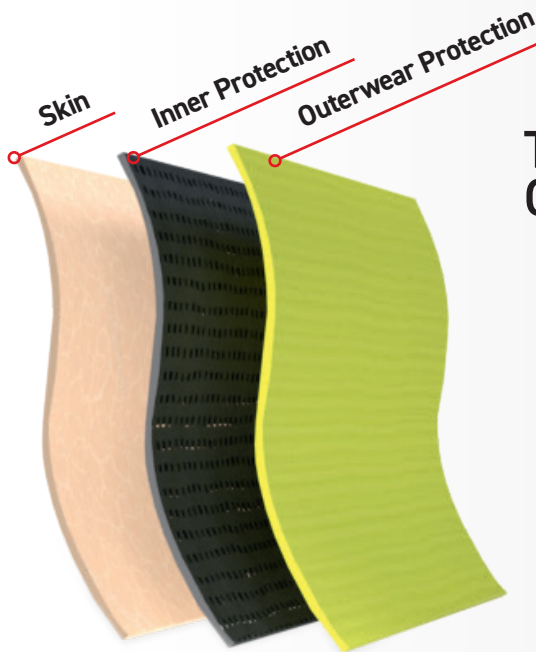
99% COTTON, 1% CARBON FIBRE

OUTSTANDING

LAYERED FULL BODY PROTECTION

Portwest offers a complete range of flame resistant safety garments, which when layered together offer exceptional heat, flame and Arc protection.

Leading Range of **Multi
Standard** Products



The Power
Of Layering

Benefits of Layering

- Layering provides **increased performance and comfort**.
- Layering garments can also increase the **total arc protective ratings** to levels greater than the sum of individual arc ratings.
- Layering also allows for quick adjustments based on the **level of protection** needed for different tasks.



FR60

Mid Layer Protection FR11  ELIM: 4.4 cal/cm ² ATPV: 5.5 cal/cm ²	+	Outer Layer Protection AF73  ELIM: 3.8 cal/cm ² ATPV: 4.5 cal/cm ²	=	Combined Performance ELIM 19 Cal/Cm² ATPV 22.6 Cal/Cm²
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Mid Layer Protection FR77  ELIM: 4.4 cal/cm ² ATPV: 5.5 cal/cm ²	+	Outer Layer Protection MV25  ELIM: 6.4 cal/cm ² ATPV: 6.8 cal/cm ²	=	Combined Performance ELIM 19 Cal/Cm² ATPV 21 Cal/Cm²
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Mid Layer Protection FR10  ELIM: 4.4 cal/cm ² ATPV: 5.5 cal/cm ²	+	Outer Layer Protection BIZ5  ELIM: 8.3 cal/cm ² ATPV: 10.9 cal/cm ²	=	Combined Performance ELIM 30 Cal/Cm² ATPV 36 Cal/Cm² EBT 40 Cal/Cm²
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Mid Layer Protection FR12  ELIM: 9.2 cal/cm ² ATPV: 15 cal/cm ²	+	Outer Layer Protection FR50  ELIM: 8.6 cal/cm ² ATPV: 9.8 cal/cm ²	=	Combined Performance ELIM 45 Cal/Cm² ATPV 47 Cal/Cm²
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Mid Layer Protection FR89  ELIM: 9.1 cal/cm ² ATPV: 11 cal/cm ²	+	Outer Layer Protection MV72  ELIM: 11 cal/cm ² ATPV: 16 cal/cm ²	=	Combined Performance ELIM 32 Cal/Cm² ATPV 38 Cal/Cm²
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Mid Layer Protection FR11  ELIM: 4.4 cal/cm ² ATPV: 5.5 cal/cm ²	+	Outer Layer Protection FR21  ELIM: 9 cal/cm ² ATPV: 9.7 cal/cm ²	=	Combined Performance ELIM 25 Cal/Cm² ATPV 27 Cal/Cm² EBT 30 Cal/Cm²
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Inner Layer Protection FR96  ELIM: 8.2 cal/cm ² ATPV: 8.7 cal/cm ²	+	Mid Layer Protection MV72  ELIM: 11 cal/cm ² ATPV: 16 cal/cm ²	+	Outer Layer Protection MV70  ELIM: 32 cal/cm ² ATPV: 39 cal/cm ²	=	Combined Performance ELIM 70 Cal/Cm² ATPV 87 Cal/Cm²
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UPDATES TO ARC STANDARDS

Arc Flash incidents can occur where electrical equipment is being worked on and operated. Portwest flame resistant products certified to arc standards offer protection against thermal energy created by an electric arc.

IEC 61482-2:2018 / EN 61482-2:2020 PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC

	PREVIOUS STANDARD	UPDATED STANDARD
SYMBOL HAS BEEN UPDATED	 IEC 61482-2:2009 CLASS 1 IEC 61482-1-1 2009 METHOD A ATPV 8.4 CAL/CM ²	 IEC 61482-2:2018 ELIM 6.4 CAL/CM ² APC1
	PREVIOUS RESULTS EXPRESSED AS:	UPDATED RESULTS EXPRESSED AS:
IEC 61482-1-1 (OPEN ARC METHOD)	ATPV OR EBT VALUE ONLY	ELIM & EITHER ATPV OR EBT VALUE
IEC 61482-1-2 (BOX METHOD)	CLASS 1 OR CLASS 2	APC1 OR APC2

ARC STANDARD IEC 61482-2:2018 / EN 61482-2:2020

This is the standard for Protective Clothing Against the Thermal Hazards of an Electric Arc. It specifies requirements and test methods applicable to materials and garments for protective clothing worn by electrical workers to protect them against the thermal hazards of electric arc.

Fabric and garments can be tested against either, or both test methods below

OPEN ARC METHOD IEC 61482-1-1

The Open Arc test method is similar to ASTM F1959 from the US standard NFPA 70E, and is used to determine the thermal insulating properties of a fabric when exposed to the energy of an electric arc. There are 3 possible values determined during this test method:

- **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. ELIM values are usually lower calorific values than ATPV and EBT.
- **ATPV** (Arc Thermal Performance Value): The ATPV is measured against a 50% risk of 2nd degree burn, given if high heat passage occurs before a hole appears.
- **EBT** (Energy Breakopen Threshold): If a hole appears before high heat passage, the EBT value is given. It is measured against a 50% risk of 2nd degree burn, like the ATPV.

All results are given in calories per square cm (cm²). The higher the calorific value, the greater the protection.

ELIM
32
Cal/Cm²

**THE GREATER THE
CALORIFIC VALUE
THE GREATER THE
PROTECTION**

BOX TEST METHOD IEC 61482-1-2

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)

SUMMARY	
ELIM	INCIDENT ENERGY LIMIT
	RESULT OF IEC 61482-1-1
	0% RISK OF 2ND DEGREE BURN
ATPV	ARC THERMAL PERFORMANCE VALUE
	RESULT OF IEC 61482-1-1
	50% RISK OF 2ND DEGREE BURN, HIGH HEAT PASSAGE
EBT	ENERGY BREAKOPEN THRESHOLD
	RESULT OF IEC 61482-1-1
	50% RISK OF 2ND DEGREE BURN, HOLE FORMATION
APC 1 APC 2	ARC PROTECTION CLASS
	RESULT OF IEC 61482-1-1
	APC 1 TESTED AT 4 kA
	APC 2 TESTED AT 7 kA

USA ARC STANDARDS

ASTM F1959 is the test method for fabric or multi-layer combination of fabrics comparable to IEC 61482-1-1. Results can be ATPV

ARC RATED PPE	REQUIRED MINIMUM ARC RATING OF PPE IN CAL/CM ²
ARC 1	4 CAL/CM ²
ARC 2	8 CAL/CM ²
ARC 3	25 CAL/CM ²

ARC RATING FOR SINGLE GARMENTS

BRAND	STYLE	DESCRIPTION	WEIGHT	PAGE	IEC 61482-2				NFPA70E	
					IEC 61482-1-1			IEC 61482-1-2	ASTM F1959	PPE CAT
					ELIM (cal/cm²)	ATPV (cal/cm²)	EBT (cal/cm²)	APC (Class 1 or 2)	ATPV (cal/cm²)	
Modaflame HVO Woven	MV35	Modaflame RIS Orange/Navy Jacket	300g	30	7	8		1	8.1	2
Modaflame HVO Woven	MV36	Modaflame RIS Orange/Navy Trouser	300g	31	7	8		1	8.1	2
Modaflame HVO Woven	MV91	Modaflame RIS Orange Coverall	300g	29	7	8		1	8.1	2
Modaflame HVO Woven	MV29	Modaflame RIS Navy/Orange Coverall	300g	29	7	8		1	8.1	2
Modaflame	FR602	WX3 FR Work Jacket	280g	23	6.4	6.8		1	8.4	2
Modaflame	FR402	WX3 FR Service Trouser	280g	23	6.4	6.8		1	8.4	2
Modaflame	FR503	WX3 FR Coverall	280g	24	6.4	6.8		1	8.4	2
Modaflame	MV25	Hi-Vis Modaflame Jacket	280g	32	6.4	6.8		1	8.4	2
Modaflame	MV26	Hi-Vis Modaflame Trouser	280g	33	6.4	6.8		1	8.4	2
Modaflame	MV46	Hi-Vis Modaflame Trouser	280g	33	6.4	6.8		1	8.4	2
Modaflame	MV28	Hi-Vis Modaflame Coverall	280g	32	6.4	6.8		1	8.4	2
Modaflame	MX28	Modaflame Coverall	280g	29	6.4	6.8		1	8.4	2
Modaflame HVO Knit	FR76	Flame Resistant RIS Polo Shirt	220g	35				1	6	1
Modaflame Knit	FR74	Flame Resistant Anti-Static Two Tone Polo Shirt	210g	34	4.4	5.5		1	4.3	1
Modaflame Knit	FR72	Flame Resistant Anti-Static Hi-Vis Sweatshirt	300g	36	9.2	15		1	16	2
Modaflame Knit	FR31	Flame Resistant Anti-Static Hi-Vis Fleece	280g	36	5.9		6.4	1		
Modaflame Knit	FR96	FR Hi-Vis Long Sleeve T-Shirt	280g	35	8.2	8.7		1	9	2
Modaflame Knit	FR77	Flame Resistant Anti-Static Hi-Vis Long Sleeve Polo Shirt	210g	34	4.4	5.5		1	4.3	1
Modaflame Knit	FR701	WX3 Flame Resistant Hi-Vis T-Shirt	210g	25	4.4	5.5			4.3	1
Modaflame Knit	FR702	WX3 Flame Resistant Hi-Vis Polo Shirt	210g	25	4.4	5.5			4.3	1
Modaflame Knit	FR11	Flame Resistant Anti-Static Long Sleeve T-Shirt	200g	38	4.4	5.5		1	4.3	1
Modaflame Knit	FR14	Flame Resistant Anti-Static Leggings	200g	38	4.4	5.5		1	4.3	1
Modaflame Knit	FR12	Flame Resistant Anti-Static Long Sleeve Sweatshirt	300g	37	9.2	15		1	16	2
Modaflame Knit	FR10	Flame Resistant Anti-Static Long Sleeve Polo Shirt	200g	37	4.4	5.5		1	4.3	1
Modaflame Knit	FR03	Flame Resistant Anti-Static Long Sleeve Polo Shirt with Reflective Tape	200g	37	4.4	5.5		1	4.3	1
Modaflame Knit	FR81	FR Zip Front Hooded Sweatshirt	300g	37	9.2	15		1	16	2
Modaflame Knit	FR30	Flame Resistant Anti Static Fleece	280g	38	5.9		6.4	1		
Modaflame Knit	FR18	Flame Resistant Anti-Static Balaclava	200g	39					4.3	1
Modaflame Knit	FR19	Flame Resistant Anti-Static Neck Tube	200g	39					4.3	1
Modaflame Knit	FR09	FR Anti-Static Balaclava	300g	39					16	2
Modaflame Knit	FR20	FR Anti-Static Balaclava Hood	300g	39					16	2
Modaflame Rain	MV70	Modaflame Rain Multi Norm Arc Jacket	350g	27	32	39		2		
Modaflame Rain	MV71	Modaflame Rain Multi Norm Arc Trouser	350g	27	32	39		2		
Modaflame Softshell	MV72	Modaflame Multi Norm Arc Softshell Jacket	350g	28	11	16		2		
Modaflame Softshell	FR704	WX3 FR Softshell	350g	24	11	16		2		

INHERENTLY FLAME RESISTANT

ARC RATING FOR SINGLE GARMENTS

BRAND	STYLE	DESCRIPTION	WEIGHT	PAGE	IEC 61482-2				NFPA70E	
					IEC 61482-1-1			IEC 61482-1-2	ASTM F1959	PPE CAT
					ELIM (cal/cm²)	ATPV (cal/cm²)	EBT (cal/cm²)	APC (Class 1 or 2)	ATPV (cal/cm²)	
TREATED FLAME RESISTANT	Bizflame Multi	FR61	Hi-Vis Multi-Norm Jacket	345g	42	13	14	1	13.6	2
	Bizflame Multi	FR62	Hi-Vis Multi-Norm Trousers	345g	42	13	14	1	13.6	2
	Bizflame Multi	FR60	Hi-Vis Multi-Norm Coverall	345g	43	13	14	1	13.6	2
	Bizflame Multi	FR63	Hi-Vis Multi-Norm Bib and Brace	345g	43	13	14	1	13.6	2
	Bizflame Multi	FR80	Multi-Norm Coverall	345g	43	13	14	1	13.6	2
	Bizflame Multi Rain	FR78	Bizflame Multi Arc Hi-Vis Trouser	380g	41	43	55	1		
	Bizflame Multi Rain	FR79	Bizflame Multi Arc Hi-Vis Jacket	380g	41	43	55	1		
	Bizflame Plus	FR501	Bizflame Plus Stretch Panelled Coverall	350g	49	8.6	9.8	1	13.6	2
	Bizflame Plus	FR502	Bizflame Plus Lightweight Stretch Panelled Coverall	210g	49	9	9.7		9.1	2
	Bizflame Plus	FR601	Bizflame Plus Lightweight Stretch Panelled Jacket	210g	48	9	9.7		9.1	2
	Bizflame Plus	FR401	Bizflame Plus Lightweight Stretch Panelled Trouser	210g	48	9	9.7		9.1	2
	Bizflame Plus	FR34	FR Standard Coat	210g	50				9.1	2
	Bizflame Plus	FR50	Flame Resistant Anti-Static Coverall 350g	350g	51	8.6	9.8	1	13.6	2
	Bizflame Plus	FR51	Bizflame Plus Women's Coverall 350g	350g	51	8.6	9.8	1	13.6	2
	Bizflame Plus	FR56	Bizflame Plus Trouser	350g	47	8.6	9.8	1	13.6	2
	Bizflame Plus	FR57	Bizflame Plus Bib and Brace	350g	50	8.6	9.8	1	13.6	2
	Bizflame Plus	FR25	Bizflame Plus Jacket	350g	47	8.6	9.8	1	13.6	2
	Bizflame Plus	FR26	Bizflame Plus Trouser	350g	47	8.6	9.8	1	13.6	2
	Bizflame Plus	FR27	Bizflame Plus Bib and Brace	350g	50	8.6	9.8	1	13.6	2
	Bizflame Ultra	FR68	Bizflame Ultra Jacket	340g	44	11	13	1	16	2
	Bizflame Ultra	FR66	Bizflame Ultra Trouser	340g	44	11	13	1	16	2
	Bizflame Ultra	FR67	Bizflame Ultra Bib & Brace	340g	46	11	13	1	16	2
	Bizflame Ultra	FR93	Bizflame Ultra Coverall	340g	46	11	13	1	16	2
	Bizflame Ultra	FR08	Bizflame Ultra Two Tone Jacket	340g	45	11	13	1	16	2
	Bizflame Ultra	FR06	Bizflame Ultra Two Tone Trouser	340g	45	11	13	1	16	2
	Bizflame Ultra	FR07	Bizflame Ultra Two Tone Bib & Brace	340g	45	11	13	1	16	2





WX3™ NEW INHERENT
FLAME RESISTANT
PRODUCTS OFFER
EXCEPTIONAL
WEAR RESISTANCE,
FUNCTIONALITY,
COMFORT AND STYLE.

Made from Portwest's premium inherent flame resistant Modaflake fabrics which guarantee maximum protection when working in challenging environments. High performance stretch fabrics are used in key movement areas giving greater ease of movement when working in cramped conditions, climbing or working at heights.

ANTI-STATIC
MODAFLAME™
FLAME RESISTANT





FR602

WX3 FR WORK 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]
ASTM F1959/F1959M-12 ATPV=8.4CAL/CM²(HAF=75.8%)
Modaflame: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g
60% Modacrylic, 36% Cotton, 3% Elastane,
1% Carbon Fibre 280g
Black S-3XL

ELIM
6.4
Cal/Cm²

WX3

NEW



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12



FR402

WX3 FR SERVICE TROUSER

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]
ASTM F1959/F1959M-12 ATPV=8.4CAL/CM²(HAF=75.8%)
Modaflame: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g
60% Modacrylic, 36% Cotton, 3% Elastane,
1% Carbon Fibre 280g
Black 30-46
Reg: 31" (79cm) adjustable to 33" (84cm)

ELIM
6.4
Cal/Cm²

WX3

NEW



**INNOVATIVE STRETCH
PANELING IN KEY
MOVEMENT AREAS**



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12

ELIM
11
Cal/Cm²

NEW



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]

Modaflame Softshell: 100% Polyester 95g laminated to a TPU flame resistant membrane 35g and bonded with a 60% Modacrylic, 39% Cotton and 1% Carbon Fibre inherent flame resistant fleece 220g, total weight, 350g

Black S-3XL

**COMBINING
INNOVATION AND
TOTAL SAFETY**

ELIM
6.4
Cal/Cm²

NEW



FR503

WX3 FR 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

ASTM F1959/F1959M-12 ATPV=8.4CAL/CM²(HAF=75.8%)

Modaflame: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g
60% Modacrylic, 36% Cotton, 3% Elastane, 1% Carbon Fibre 280g

Black S-3XL

Reg: 31" or 79cm adjustable to Tall 33" or 84cm



FR702

WX3 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: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 210g

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



ELIM
4.4
Cal/Cm²

WX3



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471 ASTM F1959/F1959M-12



FR701

WX3 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 = 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 210g

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



ELIM
4.4
Cal/Cm²

WX3



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471 ASTM F1959/F1959M-12

ANTI-STATIC
MODAFLAME™
FLAME RESISTANT

RAIN

MODAFLAME™
RAIN PROVIDES THE
HIGHEST LEVEL OF
MULTI PROTECTION
AGAINST FLAME,
ELECTRIC ARC, WIND
AND RAIN.

This range is certified to multiple global safety standards. The unique blend of fabric provides superb protection with excellent flame and chemical resistant properties along with the highest level arc ratings. Additionally, the fluorescent colour combined with reflective tape gives the wearer complete protection in situations of poor visibility.

Constructed from 98% Polyester, 2% Carbon Fibre with a PU breathable flame resistant coating and bonded with a 60% Modacrylic, 40% Cotton flame resistant knitted backing, total weight 350g.

ANTI-STATIC
MODAFLAME™
FLAME RESISTANT



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

Modaflame Rain: 98% Polyester, 2% Carbon Fibre with a PU breathable flame resistant coating and bonded with a 60% Modacrylic, 40% Cotton flame resistant knitted backing, total weight, 350g
100% Cotton Flame Resistant Lining, 170g
Orange/Navy S-4XL, Yellow/Navy S-4XL

ELIM
32
Cal/Cm²

LINED



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 EN 343



MV71

MODAFLAME RAIN MULTI NORM ARC TROUSER



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: 98% Polyester, 2% Carbon Fibre with a PU breathable flame resistant coating and bonded with a 60% Modacrylic, 40% Cotton flame resistant knitted backing, total weight, 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

ELIM
32
Cal/Cm²

LINED



**ZIP-OFF BACK TURNS
THIS BIB INTO A
TROUSER FOR ADDED
VERSATILITY**



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 EN 343

**INTERACTIVE
STYLE IDEAL FOR
LAYERING**



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: 100% Polyester 95g laminated to a TPU flame resistant membrane 35g and bonded with a 60% Modacrylic, 39% Cotton and 1% Carbon Fibre inherent flame resistant fleece 220g, total weight, 350g

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

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 95g laminated to a TPU flame resistant membrane 35g and bonded with a 60% Modacrylic, 39% Cotton and 1% Carbon Fibre inherent flame resistant fleece 220g, total weight, 350g
Navy S-3XL

ANTI-STATIC
MODAFLAME™
FLAME RESISTANT

ELIM
6.4
Cal/Cm²



MX28

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

ASTM F1959/F1959M-12

ATPV=8.4 CAL/CM² (HAF=75.8%)

Modaflame: 60% Modacrylic,
39% Cotton, 1% Carbon Fibre,
280g

Navy S-3XL, Orange S-4XL



EN ISO 11612 EN ISO 11611 EN 1149

IEC 61482-2 EN 13034 ASTM F1959/F1959M-12

ANTI-STATIC
MODAFLAME™
FLAME RESISTANT

HVO
MULTI

ELIM
7
Cal/Cm²



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 HVO Woven:

61% Modacrylic, 18% Viscose,

15% Polyester, 5% Aramid,

1% Carbon Fibre, 300g

Orange S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2

EN 13034 EN ISO 20471 RIS 3279 ASTM F1959/F1959M-12

ELIM
7
Cal/Cm²



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 HVO Woven:

61% Modacrylic, 18% Viscose,

15% Polyester, 5% Aramid,

1% Carbon Fibre, 300g

Orange/Navy S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2

EN 13034 EN ISO 20471 RIS 3279 ASTM F1959/F1959M-12

ELIM
7
Cal/Cm²



MV35

MODAFLAME RIS ORANGE/NAVY 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 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 HVO Woven: 61% Modacrylic, 18% Viscose,

15% Polyester, 5% Aramid, 1% Carbon Fibre, 300g

Orange/NAVY S-3XL

**PROTECTS
AGAINST RADIANT,
CONECTIVE AND
CONTACT HEAT**



EN ISO 11612



EN ISO 11611



EN 1149



IEC 61482-2



EN 13034



EN ISO 20471



RIS 3279



ASTM F1959/F1959M-12

ANTI-STATIC
MODAFLAME™
FLAME RESISTANT

HVO
MULTI



MV36



**MODAFLAME RIS ORANGE/NAVY
TROUSER**



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 HVO Woven: 61% Modacrylic,
18% Viscose, 15% Polyester, 5% Aramid, 1% Carbon
Fibre, 300g



Orange/Navy S-XXL



**FULL CHEMICAL
RESISTANCE**

ELIM
7
Cal/Cm²



EN ISO 11612



EN ISO 11611



EN 1149



IEC 61482-2



EN 13034



EN ISO 20471



RIS 3279

ASTM
F1959/
F1959M-12

ELIM
6.4
Cal/Cm²



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%)

Modafire: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g

Yellow/Navy S-5XL, Yellow/Navy Tall M-XXL

ELIM
6.4
Cal/Cm²



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%)

Modafire: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g

Yellow/Navy S-3XL

**OPTIMUM
PROTECTION IN
MULTI-HAZARD
ENVIRONMENTS**



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 F1959M-12



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 F1959M-12



ELIM
6.4
Cal/Cm²



MV26

HI-VIS MODAFLAME TROUSER

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
ASTM F1959/F1959M-12 ATPV=8.4 CAL/CM²
(HAF=75.8%)

Modaflame: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g

Yellow/Navy S-3XL, Yellow/Navy Tall M-XXL
Reg: 31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 ASTM F1959/F1959M-12



ELIM
6.4
Cal/Cm²



MV46

HI-VIS MODAFLAME TROUSER

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: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g

Yellow/Navy S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 ASTM F1959/F1959M-12



FR77

FLAME RESISTANT ANTI-STATIC HI-VIS 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

EN ISO 20471 CLASS 3

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM² (HAF = 66%)



Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 210g



Yellow S-4XL

**HIGH COTTON
CONTENT FOR
SUPERIOR
COMFORT**



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471 ASTM F1959/F1959M-12

ELIM

4.4

Cal/Cm²



FR74

FLAME RESISTANT ANTI-STATIC TWO TONE 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

EN ISO 20471 CLASS 2

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM² (HAF = 66%)



Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 210g



Yellow/Navy S-4XL

**CERTIFIED
TO MULTIPLE
INTERNATIONAL
STANDARDS**



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471 ASTM F1959/F1959M-12

ELIM

4.4

Cal/Cm²





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: 60% Modacrylic, 40% Cotton,
280g

Yellow S-3XL

ELIM
8.2
Cal/Cm²



**PROTECTION
AGAINST RADIANT,
CONVECTIVE AND
CONTACT HEAT**



ASTM
F1959/
F1959M-12

EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN ISO 20471 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 ATPV 6 CAL/CM² (HAF 71.7%)
IEC 61482-2 IEC 61482-1-2 CLASS 1
EN ISO 20471 CLASS 3
RIS 3279 TOM ISSUE 2 (ORANGE ONLY)

Modaflame HVO Knit: 66% Modacrylic,
32% Polyester, 2% Carbon fibre, 220g
Orange S-3XL



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471



**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: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 300g
 X Yellow S-3XL

ELIM
9.2
Cal/Cm²



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471 ASTM F1959/F1959M-12



**FR31 FLAME RESISTANT
ANTI-STATIC HI-VIS 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
EN ISO 20471 CLASS 3

Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g
 X Yellow S-3XL

ELIM
5.9
Cal/Cm²



EN ISO 11612 EN 1149 IEC 61482-2 EN ISO 20471

ELIM
4.4
Cal/Cm²



FR03 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
Navy S-3XL



ASTM
F1959/
F1959M-12

EN ISO 11612 EN 1149 IEC 61482-2 F1959M-12

ELIM
4.4
Cal/Cm²



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%)
Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 200g
Black S-3XL, Grey S-3XL, Navy XS-5XL



ASTM
F1959/
F1959M-12

EN ISO 11612 EN 1149 IEC 61482-2 F1959M-12

ELIM
9.2
Cal/Cm²



FR12 FLAME RESISTANT ANTI-STATIC LONG SLEEVE 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
ASTM F1959/F1959M-12 ATPV=16 CAL/CM² (HAF=86%)
Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 300g
Navy XS-4XL



ASTM
F1959/
F1959M-12

EN ISO 11612 EN 1149 IEC 61482-2 F1959M-12

ELIM
9.2
Cal/Cm²



FR81 FR ZIP FRONT HOODED 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
ASTM F1959/F1959M-12 ATPV=16 CAL/CM² (HAF=86%)
Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 300g
Navy S-5XL



ASTM
F1959/
F1959M-12

EN ISO 11612 EN 1149 IEC 61482-2 F1959M-12

ELIM
5.9
Cal/Cm²

**INTERACTIVE
FLEECE -
CAN BE
WORN
UNDER
MV70**



ELIM
4.4
Cal/Cm²



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 Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 280g

Navy S-3XL



FR11 FLAME RESISTANT ANTI-STATIC LONG SLEEVE T-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%)
Modaflame Knit: 60% Modacrylic, 39% Cotton,
1% Carbon Fibre, 200g

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



EN ISO 11612 EN 1149 IEC 61482-2



EN ISO 11612 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12

ELIM
4.4
Cal/Cm²

**LAYERING
PROVIDES
INCREASED
PERFORMANCE
AND COMFORT**



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



SK20 MODAFLAME SOCK

48% Modacrylic, 32% Cotton, 20% Polyester
Black 39-43, 44-48



EN ISO 11612 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12



EN ISO 14116



FR18 FLAME RESISTANT ANTI-STATIC BALACLAVA

EN ISO 11612 A1, B1, C1, F1
EN 1149 -5

ASTM F1959/F1959M-12 EBT = 4.3 CAL/CM² (HAF = 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton,

1% Carbon Fibre x 2 layer, 400g

Black One Size, Navy One Size



EN ISO 11612 EN 1149 ASTM F1959/F1959M-12



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



EN ISO 11612 EN 1149 ASTM F1959/F1959M-12



FR20 FR ANTI-STATIC BALACLAVA HOOD

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



EN ISO 11612 EN 1149 ASTM F1959/F1959M-12



FR19 FLAME RESISTANT ANTI-STATIC NECK TUBE

EN ISO 11612 A1, B1, C1, F1

EN 1149 -5

ASTM F1959/F1959M-12 ATPV 4.3 CAL/CM² (HAF 66%)

Modaflame Knit: 60% Modacrylic, 39% Cotton,

1% Carbon Fibre x 2 layer, 400g

Black One Size, Navy One Size



EN ISO 11612 EN 1149 ASTM F1959/F1959M-12



PREMIUM FLAME RESISTANCE WITH ANTI-STATIC PROPERTIES

Bizflame™ has a propriety 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 performance balance of comfort and strength.



LINED



ELIM
43
Cal/Cm²

LINED



ELIM
43
Cal/Cm²

MULTI-NORM PROTECTION



FR79 BIZFLAME MULTI ARC HI-VIS JACKET

EN ISO 11612 A1, A2, B1, C1, E2
EN ISO 11611 CLASS 2 A1+A2
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

Bizflame Multi Rain: 80% Cotton, 19% Polyester, 1% Antistatic Carbon Fibre, two-layer PTFE lamination, PU Coated, Fluorocarbon Finish, 380g
 100% Cotton Flame Resistant Lining, 170g
 Yellow/Navy M-XXL



FR78 BIZFLAME MULTI ARC HI-VIS TROUSER

EN ISO 11612 A1, A2, B1, C1, E2
EN ISO 11611 CLASS 2 A1+A2
EN 1149 -5
IEC 61482-2 IEC 61482-1-1 ELIM 43CAL/CM²
IEC 61482-2 IEC 61482-1-2 APC 1
EN 13034 TYPE 6
EN ISO 20471 CLASS 2
EN 343 CLASS 3:3 X

Bizflame Multi Rain: 80% Cotton, 19% Polyester, 1% Antistatic Carbon Fibre, two-layer PTFE lamination, PU Coated, Fluorocarbon Finish, 380g
 100% Cotton Flame Resistant Lining, 170g
 Yellow/Navy M-XXL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 F1959M-12



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 EN ISO 20471 F1959M-12

ELIM
13
Cal/Cm²



HIGHEST PROTECTION AGAINST MOLTEN IRON SPLASH



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 Multi: 99% Cotton, 1% Carbon Fibre, 345g
 Yellow/Navy S-3XL

MULTI-NORM HAZARD PROTECTION

ELIM
13
Cal/Cm²



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%)

Bizflame Multi: 99% Cotton, 1% Carbon Fibre, 345g
 Yellow/Navy S-3XL

ELIM
13
Cal/Cm²



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 Multi: 99% Cotton,
1% Carbon Fibre, 345g
 Yellow/Navy S-4XL



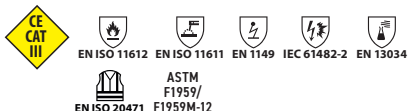
ELIM
13
Cal/Cm²



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 Multi: 99% Cotton,
1% Carbon Fibre, 345g
 Yellow/Navy S-3XL



ELIM
13
Cal/Cm²



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 Multi: 99% Cotton,
1% Carbon Fibre, 345g
 Navy S-4XL



The flame resistant polyester content in Bizflame Ultra provides excellent abrasion, shrinkage and colourfastness. The fabric is designed to withstand the rigours and demands of industrial laundry, making it ideal for all wind energy work environments.

ELIM
11
Cal/Cm²



FR68

BIZFLAME ULTRA 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 Ultra: 80% Cotton, 19% Polyester,
1% Carbon Fibre, 340g

Navy S-3XL, Orange S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12

INDUSTRIALLY LAUNDERABLE

WASH AT 75°C - TUNNEL DRY AT 155°C

PRO	1	2	3	4	5	6	7	8

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.



FR66

BIZFLAME ULTRA TROUSER

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 Ultra: 80% Cotton, 19% Polyester, 1% Carbon
Fibre, 340g

Navy, Orange

Reg: 30"-46"

31" or 79cm adjustable to Tall 33" or 84cm

Short: 30"-42"

29" or 74cm adjustable to Reg 31" or 79cm

ELIM
11
Cal/Cm²



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12

100% METAL FREE



FR07 BIZFLAME ULTRA TWO TONE BIB & 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/CM² (HAF 83.7%)

Bizflame Ultra: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g
 Grey S-3XL, Royal Blue S-3XL
Short: 29" or 73cm adjustable to Reg 31" or 79cm
Reg: 31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12



ELIM
11
Cal/CM²



FR08 BIZFLAME ULTRA 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 Ultra: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g
 Grey S-3XL, Royal Blue S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12



ELIM
11
Cal/CM²



FR06 BIZFLAME ULTRA TWO TONE TROUSER

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 Ultra: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g
 Grey, Royal Blue
Short: 30-42
29" or 74cm adjustable to Reg 31" or 79cm
Reg: 30-46
31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 ASTM F1959/F1959M-12



ELIM
11
Cal/CM²

ELIM
11
Cal/Cm²



FR67

BIZFLAME ULTRA BIB & 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/CM² (HAF 83.7%)

Bizflame Ultra: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

Navy S-3XL, Navy Short S-3XL, Orange S-3XL, Orange Short S-3XL

Short: 29" or 74cm adjustable to Reg 31" or 79cm

Reg: 31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 F1959/F1959M-12

ELIM
11
Cal/Cm²



FR93

BIZFLAME ULTRA 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 Ultra: 80% Cotton, 19% Polyester, 1% Carbon Fibre, 340g

Grey S-3XL, Navy S-5XL, Orange S-5XL, Royal Blue S-3XL, Red S-3XL

Short: 29" or 74cm adjustable to Reg 31" or 79cm

Reg: 31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 EN 13034 F1959/F1959M-12

Constructed from 99% cotton and interwoven with 1% carbon fibres, this fabric has flame resistant and anti-static properties. Comfort and durability are key features of this range.

ELIM
8.6
Cal/Cm²



FR25 BIZFLAME PLUS JACKET

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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
 Navy S-4XL, Orange S-4XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12

ELIM
8.6
Cal/Cm²



FR55 BIZFLAME PLUS JACKET

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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
 Navy/Red S-4XL, Navy/Royal S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12

ELIM
8.6
Cal/Cm²



FR26 BIZFLAME PLUS TROUSER

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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
 Navy XS-4XL, Orange S-4XL,
Navy Tall M-XXL, Orange Tall M-XXL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12

ELIM
8.6
Cal/Cm²



FR56 BIZFLAME PLUS TROUSER

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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
 Navy/Red S-4XL, Navy/Royal S-3XL, Navy/Red Tall M-XXL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12

ELIM
9
Cal/Cm²



INNOVATIVE STRETCH PANELLING IN KEY MOVEMENT AREAS



FR601

BIZFLAME PLUS 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 Plus: 99% Cotton, 1% Carbon Fibre, 210g
97% Cotton, 2% Elastane, 1% Carbon Fibre 210g

Navy S-3XL, Orange S-3XL

PERMANENT ELASTICITY BUILT IN

ELIM
9
Cal/Cm²



FR401

BIZFLAME PLUS LIGHTWEIGHT STRETCH PANELLED TROUSER

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 Plus: 99% Cotton, 1% Carbon Fibre, 210g
97% Cotton, 2% Elastane, 1% Carbon Fibre 210g

Navy S-3XL, Orange S-3XL

Reg: 31" or 79cm adjustable to Tall 33" or 84cm

ELIM
8.6
Cal/Cm²



ELIM
9
Cal/Cm²



FR501

BIZFLAME PLUS 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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
97% Cotton, 2% Elastane, 1% Carbon Fibre 350g
Navy S-3XL, Orange S-3XL
Reg: 31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 F1959M-12



FR502

BIZFLAME PLUS 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 Plus: 99% Cotton, 1% Carbon Fibre, 210g
97% Cotton, 2% Elastane, 1% Carbon Fibre 210g
Navy S-3XL, Orange S-3XL
Reg: 31" or 79cm adjustable to Tall 33" or 84cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2



FR34 FR STANDARD COAT

EN ISO 11612 A1+A2, B1, C1, E2, F1
EN ISO 11611 CLASS 1 A1+A2
EN 1149 -5
ASTM F1959/F1959M-14E1 ATPV 9.1CAL/CM²

Bizflame Plus: 99% Cotton, 1% Carbon Fibre, 210g
 Navy S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 ASTM F1959/F1959M-12



NEW



FR57 BIZFLAME PLUS 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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
 Navy/Red S-4XL, Navy/Royal S-3XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 F1959M-12



ELIM
8.6
Cal/Cm²



FR27 BIZFLAME PLUS 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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
 Navy S-3XL, Orange S-4XL



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 F1959M-12



ELIM
8.6
Cal/Cm²



**FR50 FLAME RESISTANT ANTI-STATIC
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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
Black, Grey, Navy, Orange, Red, Royal Blue, White

REG	S-XXL	XS-5XL	XS-6XL	XS-5XL	XS-5XL	XS-4XL	S-XXL
TALL		M-5XL	M-3XL	S-3XL	S-3XL	M-XXL	



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12



ELIM
8.6
Cal/Cm²



FR51 BIZFLAME PLUS 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 Plus: 99% Cotton, 1% Carbon Fibre, 350g
Navy X3-XXL, Orange XS-XXL
Short: 29" or 74cm adjustable to Reg 31" or 79cm



EN ISO 11612 EN ISO 11611 EN 1149 IEC 61482-2 ASTM F1959/F1959M-12



MADE FOR
WOMEN

ELIM
8.6
Cal/Cm²



**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 Work Antistatic: 98% Polyester 2% Carbon
Fibre, Warp Knitted, 120g
Yellow S/M - 4XL/5XL, Orange S/M - XXL/3XL



EN ISO 14116 EN 1149 EN ISO 20471 RIS 3279





HIGH VISIBILITY ALL WEATHER PROTECTION

Portwest all weather protection has been designed and tested to withstand the demands of harsh weather conditions. This range has been carefully selected for the wind industry and includes high visibility and non high visibility garments tested to EN343 and EN342 for outstanding protection in extreme cold or wet weather.

TESTED TO PERFORM IN EXTREME COLD CONDITIONS



EN 342

EN 342 STANDARD
AND THERMAL
MANIKIN TESTING

PROTECTS YOU AT
TEMPERATURES
AS LOW AS

-44°C

THE MOST ADVANCED COMPLETE GARMENT TEST



EN 343

EN 343 PROTECTIVE
CLOTHING, PROTECTION
AGAINST RAIN

PROTECTION EVEN
IN THE HARSHTEST
ENVIRONMENTS





PERFORMANCE WORKWEAR



PW369



HS

PW3 HI-VIS WINTER PARKA JACKET



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



WP 15,000MM
EN 342 0.356 (M².K/W), 2, X



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



100% Polyester, 60g



100% Polyester, 200g

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



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

100% Polyester, 60g

100% Polyester, 170g

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





MADE FOR
WOMEN



PADDED

NEW



PW382

PW3 HI-VIS WOMEN'S WINTER JACKET

EN ISO 20471 CLASS 2
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

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

100% Polyester, 60g

100% Polyester, 170g

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

**MAXIMUM
THERMAL
INSULATION**





PERFORMANCE WORKWEAR



PW367

PW3 HI-VIS 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

300D Breathable: 100% Polyester,
300D Oxford Weave, Double PU Coated,
Breathable, Stain Resistant Finish, 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-4XL

**IDEAL FOR
CHANGABLE
CLIMATES**



PADDED

5-IN-1

NEW



PW308

PW3 CLASS 1 TOOL VEST

EN ISO 20471 CLASS 1

Kingsmill with Texpel Finish: 65% Polyester,
35% Cotton, 245g
Yellow/Black S-3XL

**SECURE POCKETS
PROVIDE AMPLE
STORAGE**



NEW



MADE FOR
WOMEN

NEW



PW386

PW3 HI-VIS WOMEN'S RAIN TROUSER

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 Weave with a Stain
Resistant finish, Double PU
Coated, 190g
Orange/Black XS-XXL,
Yellow/Black XS-XXL



PW342

PW3 HI-VIS EXTREME TROUSER

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 WITH S156)
ANSI/ISEA 107 SUPPLEMENTAL
CLASS E

Portwest Extreme:
100% Polyester, 300D
Stretch Oxford, with a
stain resistant finish, PU
Membrane, 200g
Yellow/Black S-3XL,
Orange/Black S-XXL

NEW



PW351

PW3 HI-VIS WINTER TROUSER

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

300D Industry:
100% Polyester, 300D
Oxford Weave with a Stain
Resistant finish, Double PU
Coated, 190g
100% Nylon 190g
100% Polyester, 60g
100% Polyester, 160g
Yellow/Black S-4XL,
Orange/Black S-4XL



EXTREME WATERPROOF,
BREATHABLE AND WINDPROOF PERFORMANCE

LINED



S592 EXTREME HOOD

EXTREME WEATHER
DETACHABLE HOOD
AVAILABLE

LINED



S590 EXTREME PARKA 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



S591 EXTREME BOMBER 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



LINED



S594 EXTREME BIB & 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



S593 EXTREME COVERALL

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 JACKETS



S491 SEALTEX ULTRA UNLINED JACKET (YELLOW)

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

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



RT50 SEALTEX ULTRA UNLINED 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

**FUNCTIONALLY
HARDWEARING
AND WATERPROOF**



S450 SEALTEX CLASSIC JACKET

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

 Sealtex Classic: 100% Polyester, Tricot Knit, PU Coated, 200g
 Navy S-5XL, Olive Green S-3XL, Black S-XXL
 Yellow S-3XL

**FLEXIBLE
PU FABRIC**



WATERPROOF COVERALL & TROUSERS



FULL
PROTECTION
FROM THE
ELEMENTS



S495 SEALTEX ULTRA 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
X Yellow S-3XL
X Orange S-3XL



S452 SEALTEX CLASSIC COVERALL

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

Sealtex Classic: 100% Polyester, Tricot Knit, PU Coated, 200g
X Navy S-3XL
X Yellow M-3XL



S480 HI-VIS TRAFFIC TROUSER

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

300D Industry: 100% Polyester, 300D Oxford Weave with a Stain Resistant finish, Double PU Coated, 190g
X Orange XS-3XL, Yellow XS-6XL



S487 HI-VIS BREATHABLE TROUSER

EN ISO 20471 CLASS 1
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 Weave, Double PU Coated, Breathable, Stain Resistant Finish, 190g
X Yellow XS-3XL, Orange S-XXL

WATERPROOF TROUSERS

EXTREME
WATERPROOF
AND
BREATHABLE
TECHNOLOGY



S597 EXTREME TROUSER

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

STRETCHY PU
COATED FABRIC
WITH WELDED
SEAMS



S493 SEALTEX ULTRA REFLECTIVE TROUSER

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
 Yellow XS-5XL
 Orange S-3XL



S451 SEALTEX CLASSIC TROUSER

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

Sealtex Classic: 100% Polyester, Tricot Knit, PU Coated, 200g
 Navy S-5XL, Olive Green S-3XL, Black S-XXL
 Yellow S-3XL

LIGHTWEIGHT
WATERPROOF
PROTECTION



H441 HI-VIS RAIN TROUSER

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

100% Polyester, 190T, Plain Weave, PVC coated, 200g
 Orange XS-5XL, Yellow XS-6XL

SOFTSHELL JACKETS



24

CE

UK

CA

HS

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UPF

X3

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100

T402 PW3 HI-VIS SOFTSHELL JACKET

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
ANSI/ISEA 107 TYPE R CLASS 3: SIZE S 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 XS-4XL, Orange/Navy S-4XL,
Yellow/Black XS-6XL, Yellow/Navy XS-4XL,
Orange/Grey S-3XL, Yellow/Grey S-3XL



24

CE

UK

CA

HS

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UPF

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PW381 PW3 HI-VIS WOMEN'S SOFTSHELL

EN ISO 20471 CLASS 2
WATERPROOF/BREATHABILITY -
WP 8.000MM, MVP 3.000G/M2/24HR

94% Polyester, 6% Elastane, with 100% Polyester Micro
Polar Fleece Softshell, 310g

Yellow/Black XS-XXL



24

CE

UK

CA

HS

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UPF

X3

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TK50 SOFTSHELL JACKET (3L)

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

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

Black XS-5XL, Navy XS-5XL, Grey S-XXL

PERFECT
FOR ADDING
YOUR OWN
BRANDING



24

CE

UK

CA

HS

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UPF

X3

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100

TK41 CHARLOTTE WOMEN'S SOFTSHELL (3L)

WATERPROOF/BREATHABILITY -
WP 3.000MM, MVP 600G/M2/24HR

94% Polyester, 6% Elastane, with 100% Polyester Micro
Polar Fleece Softshell, 320g

Black XS-XXL, Navy S-XXL

CORPORATE CASUALS



B303 HI-VIS SWEATSHIRT

EN ISO 20471 CLASS 3
RIS 3279 TOM ISSUE 2 (ORANGE ONLY)
ANSI/ISEA 107 TYPE R CLASS 3
AS 4602.1 CLASS D/N
65% Polyester, 35% Cotton, 300g
Orange XS-5XL, Yellow XS-5XL
Red S-3XL



B300 ROMA SWEATSHIRT

65% Polyester, 35% Cotton, 300g
Black XS-4XL, Dark Navy S-3XL, Heather Grey S-3XL, Navy XS-5XL, Royal Blue S-3XL



T720 WX3 POLO SHIRT

65% Polyester, 35% Cotton, 210g
Black XS-6XL, Persian Blue S-3XL, Olive Green S-3XL



B210 NAPLES POLO SHIRT

65% Polyester, 35% Cotton, 210g
Bottle Green S-3XL, Black XS-5XL, Dark Navy XS-4XL, Heather Grey XS-4XL, Navy XS-5XL, Royal Blue XS-5XL, Red XS-3XL, Sky Blue S-3XL, White XS-3XL, Metal Grey S-3XL, Aqua S-3XL



B209 NAPLES WOMEN'S POLO SHIRT

65% Polyester, 35% Cotton, 210g
Bottle Green XS-XXL, Black XS-XXL, Navy XS-XXL, Pink XS-XXL, Royal Blue XS-XXL, Red XS-XXL, Sky Blue XS-XXL, White XS-XXL, Aqua XS-XXL



B195 TURIN PREMIUM T-SHIRT

100% Cotton, 195g
Black S-3XL, Heather Grey S-3XL, Navy S-3XL, Royal Blue S-3XL, White XS-3XL

WORKWEAR



Stretching the limits of comfort, safety and performance. Portwest's innovative and premium stretch fabrics provide unparalleled ease of movement and supreme flexibility



NEW



PW305 PW3 STRETCH HOLSTER WORK TROUSER

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

Kingsmill Polycotton Elastane Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g
100% Polyester Oxford 600D 210g
Black 28-48
Reg: 31" (79cm) adjustable to 33" (84cm)



NEW

LIGHTWEIGHT
WITH ADDED
STRETCH



PW304 PW3 LIGHTWEIGHT STRETCH TROUSER

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

Kingsmill Polycotton Elastane Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g
100% Polyester Oxford 600D 210g
Black 28-48
Reg: 31" (79cm) adjustable to 33" (84cm)



NEW
MADE FOR
WOMEN



PW380 PW3 WOMEN'S STRETCH WORK TROUSER

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

Kingsmill Polycotton Elastane Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g
100% Polyester Oxford 600D 210g
Black 26-38
Reg: 29" (74cm) adjustable to 31" (79cm)



AVAILABLE
WITHOUT
HOLSTER
POCKETS -
T601



T602 PW3 HOLSTER WORK TROUSER

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

Kingsmill: 65% Polyester, 35% Cotton, 300g
100% Polyester Oxford 600D 210g
Black, Navy/Black, Zoom Grey/Black
Reg: 28-48,
31" (79cm) adjustable to 33" (84cm)
Short: 28-42
29" (74cm)



WORKWEAR

245g



PW306 PW3 HI-VIS STRETCH HOLSTER TROUSER

EN ISO 20471 CLASS 2
RIS 3279 TOM ISSUE 1 (ORANGE ONLY)
EN 14404:2004+A1:2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)
Kingsmill Polycotton Elastane Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g
100% Polyester Oxford 600D 210g
Orange/Black 28-48, Yellow/Black 28-48
Reg: 31" (79cm) adjustable to 33" (84cm)

245g



PW385 PW3 HI-VIS WOMEN'S STRETCH WORK TROUSER

EN ISO 20471 CLASS 2
RIS 3279 TOM ISSUE 1 (ORANGE ONLY)
EN 14404:2004+A1:2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)
Kingsmill Polycotton Elastane Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 245g
100% Polyester Oxford 600D 210g
Orange/Black 26-38, Yellow/Black 26-38
Reg: 29" (74cm) adjustable to 31" (79cm)

NEW

MADE FOR WOMEN

190g



PW303 PW3 HI-VIS LIGHTWEIGHT STRETCH TROUSER

EN ISO 20471 CLASS 2
RIS 3279 TOM ISSUE 1 (ORANGE ONLY)
EN 14404:2004+A1:2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)
Kingsmill Polycotton Elastane Stretch: 65% Polyester, 33% Cotton, 2% Elastane, 190g
100% Polyester Oxford 600D 210g
Yellow/Black 28-48, Orange/Black 28-48
Reg: 31" (79cm) adjustable to 33" (84cm)

AVAILABLE WITHOUT HOLSTER POCKETS - PW340



T501 PW3 HI-VIS HOLSTER WORK TROUSER

EN ISO 20471 CLASS 2
RIS 3279 TOM ISSUE 1 (ORANGE ONLY)
EN 14404:2004+A1:2010 TYPE 2 LEVEL 0 (WHEN USED IN COMBINATION WITH S156)
ANSI/ISEA 107 SUPPLEMENTAL CLASS E
Kingsmill: 65% Polyester, 35% Cotton, 300g
100% Polyester Oxford 600D 210g
Orange/Black, Orange/Navy, Yellow/Black, Yellow/Navy
Reg: 28-48, 31" (79cm) adjustable to 33" (84cm)
Short: 28-42, 29" (74cm)

For the full range of Portwest Workwear visit portwest.com

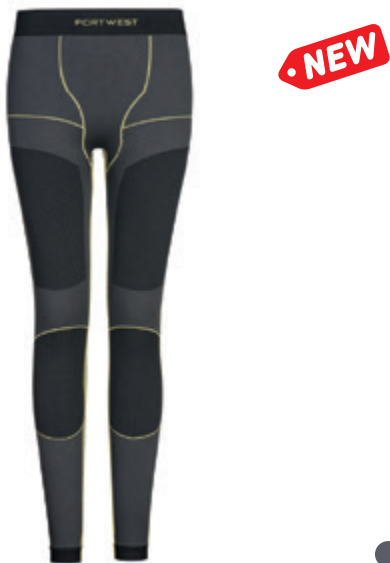
PREMIUM BASE LAYER



B173 DYNAMIC AIR BASELAYER TOP

60% Nylon, 35% Polyester, 5% Elastane, 165g
Charcoal S-XXL

**SEAMLESS BODY MAPPING
PROVIDES SUPERIOR COMFORT
AND BREATHABILITY**



B171 DYNAMIC AIR BASELAYER LEGGING

60% Nylon, 35% Polyester, 5% Elastane, 165g
Charcoal S-XXL



BASE LAYERS



**HIGH
PERFORMANCE
WICKING
FABRIC**



B133 THERMAL BASELAYER TOP



100% Wicking Polyester, 140g
Charcoal S-4XL, Black S-XXL



B153 BASE PRO ANTIBACTERIAL TOP



93% Wicking Polyester, 7% Elastane with Silver Ion
Treatment, 165g
Black S-XXL



**SILVER ION
TREATMENT
REDUCES ODOUR**



B131 THERMAL BASELAYER LEGGINGS



100% Wicking Polyester, 140g
Charcoal S-4XL, Black S-XXL



B151 BASE PRO ANTIBACTERIAL LEGGING



93% Wicking Polyester, 7% Elastane with Silver Ion
Treatment, 165g
Black S-XXL



FOOT PROTECTION

Engineered for maximum safety and outstanding performance, this range of foot protection is packed with safety features that offers outstanding protection in tough working environments.

ADVANCED FOOT PROTECTION



B0898 BE-POWERFUL TOP

UNI EN ISO 20345:2012 S3 WR CI SRC



Water-Resistant Full Grain Leather with H2st0p Membrane



Antifatigue AirTech + Tpu-Skin Life Plus Technology



Black/Green 36-50



B0895 BE-DRY MID/BE-ROCK

UNI EN ISO 20345:2012 S3 WR CI HI HRO SRC



Water-Resistant Full Grain Leather with H2st0p Membrane



AirTech Double-Density PU/HRO Rubber Life Plus Technology



Black 36-50, Brown 39-50



B0888 BE-UNIFORM TOP

UNI EN ISO 20345:2012 S3 HRO CI HI SRC



Leather



AirTech Double-Density PU/HRO Rubber Life Plus Technology



Brown/Black 39-48



Black/Red 39-48



B0883 BE-BROWNY TOP/BE JETTY TOP

UNI EN ISO 20345:2012 S3 CI SRC



Water-Resistant Waxy Leather



Antifatigue AirTech + Tpu-Skin Technology 4x4



Brown/Black 36-50, Black 36-50

LINED



**FOR WORK UNDER
EXTREME CONDITIONS**



B0850 BE-OSLO

EN ISO 20345 S3 WR CI HI HRO SRC

Water-Resistant Waxy Leather

Double-Density AirTech PU/HRO

Rubber Outsole:

Black 36-50

PORTWEST

**DESIGNED FOR
THE TOUGHEST
ENVIRONMENTS**



**FD01 PORTWEST COMPOSITELITE TRACTION
10 INCH (25CM) SAFETY BOOT S3 HRO CI WR**

EN ISO 20345 S3, EN 61340-4-3

Full-Grain Leather

PU/Rubber Outsole: F18

Black 38-48



**FD02 PORTWEST COMPOSITELITE TRACTION
7 INCH (18CM) SAFETY BOOT S3 HRO CI WR**

EN ISO 20345 S3, EN 61340-4-3

Full-Grain Leather

PU/Rubber Outsole: F18

Black 38-48

FOOTWEAR ACCESSORIES



SK34 WINTER MERINO SOCK



**SK18 EXTREME COLD
WEATHER SOCK**



SK20 MODAFLAME SOCK



FD15 EDEN SAFETY BOOT S3 HRO CI HI FO

EN ISO 20345 S3
AS 2210.3

Full-Grain Leather
PU/Rubber Outsole: F47
Black 38-48



FW95 TOTAL SAFETY WELLINGTON S5

EN ISO 20345 S5, EN 13832-3:2018
AS 2210.3 ASTM F2413-18

PVC/Nitrile
PVC/Nitrile Outsole: F06
Black 36-49 White 36-48
Green 36-48

WATERPROOF AND BREATHABLE



FC57 PORTWEST COMPOSITELITE ALL WEATHER BOOT S3 WR

EN ISO 20345 S3
AS 2210.3

Cow Nubuck Leather
PU/TPU Outsole: F12
Black 38-48



FW57 STEELITE ALL WEATHER BOOT S3 WR

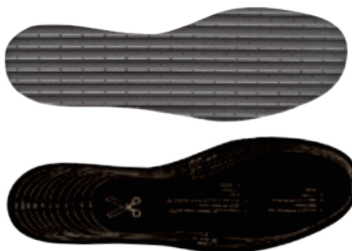
EN ISO 20345 S3
ASTM F2413-18

Cow Nubuck Leather
PU/TPU Outsole: F12
Black 38-48, Brown 38-48

FOOTWEAR ACCESSORIES



SK11 THERMAL SOCK



FC89 THERMAL FLEECE INSOLE



FC88 THERMAL ALUMINIUM INSOLE



HAND PROTECTION

Hand injury is one of the most common and frequent complaints in the workplace. This range of hand protection provides vital protection from multiple hazards commonly experienced, including protection against impact, cuts and lacerations and extreme cold.



AP01 THERMO PRO GLOVE

EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 2132X
EN 511 X3X
ANSI/ISEA 105: 2016 CUT LEVEL A3
Brushed Acrylic, Latex,
Latex Foam
Blue/Black S/7-XXL/11



A140 THERMAL GRIP GLOVE - LATEX

EN ISO 21420 DEXTERITY 4
EN388:2016 +A1:2018 - 1141X
EN 511 X1X
ANSI/ISEA 105: 2016 CUT LEVEL A1
Acrylic, Latex
Black XS/6-XXL/11,
Orange/Black M/8-XXL/11



A146 ARCTIC WINTER GLOVE

EN ISO 21420 DEXTERITY 3
EN388:2016 +A1:2018 - 4242X
EN 407 X2XXXX
EN 511 X2X
ANSI/ISEA 105: 2016 CUT LEVEL A2
Nylon, Acrylic, Nitrile Sandy
Black L/9-XXL/11,
Yellow M/8-XXL/11

❄️ THERM 💧 AQUA 🧤 GRIP

❄️ THERM 🧤 GRIP

🔥 HEAT ❄️ THERM 🧤 GRIP

LINED



AP02 THERMO PRO ULTRA

EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4242X
EN 511 X2X
ANSI/ISEA 105: 2016 CUT LEVEL A3
Acrylic, Nitrile Sandy
Orange/Black S-XXL



A185 DUO-THERM GLOVE

EN ISO 21420
EN388:2016 +A1:2018 - 1131X
EN 511 X1X
AS/NZS 2161 .3
AS/NZS 2161 .2
AS/NZS 2161 .5
Polyester, Latex
Orange/Blue M/8-XXL/11,
Yellow/Blue M/8-XXL/11



A115 THERMAL LINER

CE CAT 1
Polyester
Navy S/7-XXL/11

❄️ THERM 🧤 GRIP NANO

❄️ THERM 🧤 GRIP

❄️ THERM LINER



AP80 LIQUID PRO GLOVE
 216 12 CE
 UK CA 13
 EN ISO 21420 DEXTERITY 5
 EN388:2016 +A1:2018 - 4131X
 ANSI/ISEA 105: 2016 CUT LEVEL A1
 Nylon, Latex, Latex Foam
 Blue S/7-XXL/11



AP30 DERMI PRO GLOVE
 216 12 CE
 UK CA 13
 EN ISO 21420 DEXTERITY 5
 EN388:2016 +A1:2018 - 4121X
 ANSI/ISEA 105: 2016 CUT LEVEL A1
 Nylon, Nitrile, Nitrile Foam
 Orange/Black S/7-XXL/11



AP70 NERO LITE FOAM GLOVE
 480 12 CE
 UK CA 18
 EN ISO 21420 DEXTERITY 5
 EN388:2016 +A1:2018 - 2121X
 Nylon, Micro PU
 Blue/Black S/7-XXL/11

AQUA GRIP

AQUA GRIP

FOODSAFE GRIP



A350 DERMIFLEX GLOVE
 360 12 CE
 UK CA 15
 EN ISO 21420 DEXTERITY 5
 EN388:2016 +A1:2018 - 4131X
 ANSI/ISEA 105: 2016 CUT LEVEL A1
 Nylon, Elastane, Nitrile Foam
 Black S/7-XXL/11



A351 DERMIFLEX PLUS GLOVE
 360 12 CE
 UK CA 15
 EN ISO 21420 DEXTERITY 5
 EN388:2016 +A1:2018 - 4131X
 ANSI/ISEA 105: 2016 CUT LEVEL A1
 Nylon, Elastic, Nitrile Foam
 Grey/Black S/7-3XL/12



AP62 DERMIFLEX AQUA GLOVE
 360 12 CE
 UK CA 15
 EN ISO 21420 DEXTERITY 5
 EN388:2016 +A1:2018 - 4131X
 ANSI/ISEA 105: 2016 CUT LEVEL A1
 ANSI/ISEA 105: 2016 ABRASION LEVEL 3
 Nylon, Elastane, Nitrile Sandy
 Grey/Black S/7-XXL/11



48
12
A745 IMPACT PRO CUT GLOVE
EN ISO 21420 DEXTERITY 2
EN388:2016 +A1:2018 - 3X42FP
EN 407 X2XXXX
ANSI/ISEA 105: 2016 CUT LEVEL A6
ANSI/ISEA 138 LEVEL 2 - PASS
Full-Grain Cow Leather, HPPE,
Stainless Steel, Cotton, TPR
M/8-3XL/12

CUT F IMPACT HEAT



72
12
A727 DX VHR IMPACT GLOVE
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4X43EP
EN 407 X1XXXX
ANSI/ISEA 105: 2016 CUT LEVEL A6
ANSI/ISEA 138 LEVEL 1 - PASS
HPPE, TPR, Glass Fibre, Steel,
Nitrile Sandy
Orange M/8-3XL/12

CUT E IMPACT HEAT GRIP



72
12
A729 ANTI IMPACT CUT RESISTANT THERMAL GLOVE
EN ISO 21420 DEXTERITY 3
EN388:2016 +A1:2018 - 4X42CP
EN 511 X2X
ANSI/ISEA 105: 2016 CUT LEVEL A4
ANSI/ISEA 138 LEVEL 2 - PASS
HPPE, Glass Fibre, TPR, Brushed
Acrylic, Nitrile
Grey/Black S/7-3XL/12

CUT C IMPACT THERM GRIP



72
12
A726 AQUA-SEAL PRO GLOVE
EN ISO 21420
EN388:2016 +A1:2018 - 3X33BP
EN 511 221
Synthetic Leather, Elastane,
Neoprene, Insulutex, PVC, TPR
Orange/Blue L/9-XXL/11

IMPACT THERM AQUA



96
12
A721 ANTI IMPACT GRIP GLOVE
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4241XP
ANSI/ISEA 105: 2016 CUT LEVEL A1
ANSI/ISEA 138 LEVEL 2 - PASS
TPR, Polyester, Nitrile
Yellow/Orange S/7-3XL/12

IMPACT GRIP



72
12
A722 ANTI IMPACT CUT RESISTANT GLOVE
EN ISO 21420 DEXTERITY 3
EN388:2016 +A1:2018 - 4X43CP
EN 407 X1XXXX
ANSI/ISEA 105: 2016 CUT LEVEL A4
ANSI/ISEA 138 LEVEL 2 - PASS
HPPE, Glass Fibre, TPR, Nitrile
Grey/Black S/7-3XL/12

CUT C IMPACT HEAT GRIP



A723 TPV IMPACT CUT GLOVE

96/12 CE
UK CA 13
EN ISO 21420 DEXTERITY 4
EN388:2016 +A1:2018 - 4X43CP
TPV, HDPE, Nitrile Foam
Grey/Black M/8-XXL/11



A622 MR CUT PU PALM GLOVE

144/12 CE
UK CA 13
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4X43C
EN 407 X1XXXX
ANSI/ISEA 105: 2016 CUT LEVEL A3
HPPE, Elastane, Glass Fibre, Elastic, Polyester, PU
Grey XS/6-3XL/12



CT67 CT AHR NITRILE FOAM CUT GLOVE

144/12 CE
UK CA 13
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4X43F
ANSI/ISEA 105: 2016 CUT LEVEL A6
UHWPE, Nitrile Foam
Grey/Black XS/6-XXL/11

CUT C **IMPACT** **GRIP**

CUT C **HEAT** **GRIP**

CUT F **GRIP**



CT45 CT HR18 NITRILE FOAM CUT GLOVE

144/12 CE
UK CA 18
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4X42D
ANSI/ISEA 105: 2016 CUT LEVEL A4
UHWPE, Nitrile Foam
Grey/Black XS/6-XXL/11



CT65 CT VHR15 NITRILE FOAM CUT GLOVE

144/12 CE
UK CA 15
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4X43E
ANSI/ISEA 105: 2016 CUT LEVEL A5
UHWPE, Nitrile Foam
Grey/Black XS/6-XXL/11



CT32 CT MR18 MICRO FOAM NITRILE CUT GLOVE

144/12 CE
UK CA 18
EN ISO 21420 DEXTERITY 5
EN388:2016 +A1:2018 - 4X31C
ANSI/ISEA 105: 2016 CUT LEVEL A3
UHWPE, Nitrile Micro Foam
Grey/Black XS/6-XXL/11

CUT D **GRIP**

CUT E **GRIP**

CUT C **GRIP** **TOUCH**

HEIGHT SAFETY

AVAILABLE ON [PORTWEST.COM](https://portwest.com)



FP73



FP19



FP18

Portwest offers a range of Height Safety that help to prevent the risks associated with falling from heights. To find out more visit **[Portwest.com](https://portwest.com)**



PERSONAL PROTECTIVE EQUIPMENT

Specifically selected for use in the wind energy industry, this range of lightweight PPE has been designed with comfort in mind, ensuring a pleasant wear even after long hours of use.

PERSONAL PROTECTIVE EQUIPMENT



PS73 HEIGHT ENDURANCE MOUNTAINEER HELMET

EN 12492
EN 397 (IMPACT / PENETRATION / -30°C)
ABS, EPS (Expanded Polystyrene)
Hi-Vis Orange, Red, Royal Blue, White, Hi-Vis Yellow
52-63cm



PA03 HEIGHT ENDURANCE VISOR

EN 166 1 F
EN 170 2C-1.2 (CLEAR)
EN 172 5.2 (SMOKE)
Polycarbonate 72g
Clear, Smoke



PA58 HELMET WINTER LINER

Cotton, Polyester
150g
Black, Navy



B013 KNIT CAP INSULATEX LINED

100% Acrylic, Knit, Insulatex Lining, 40g
Black, Grey, Navy
Orange, Yellow



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 + U6L3
Polycarbonate, Nylon, EVA Foam 46g
Amber, Clear, Mirror, Smoke



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
Polycarbonate 41g
Clear, Smoke



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

LUGGAGE

The Portwest premium holdall collection is constructed from high quality premium materials with a modern and stylish design. Hardwearing and ergonomic this collection of holdalls is ideal for use by workers in on and offshore wind energy farms. Large capacity ensures workers can carry their full range of safety kit together in one place.

LINED

• NEW



PW3



B951 PW3 100L WATER-RESISTANT DUFFLE TROLLEY BAG

Ripstop TPU,
200D PU,
Black
78cm x 37cm x 35cm
Capacity 100 Litres

**LARGE 100L
CAPACITY**

LINED

• NEW



PW3



B950 PW3 70L WATER-RESISTANT DUFFLE BAG

Ripstop TPU,
200D PU,
Black
70cm x 34cm x 30cm
Capacity 70 Litres

LINED

• NEW



PW3



B960 60L DUFFLE BAG

100% Polyester 600D Fabric,
200D PU,
Black
65cm x 25cm x 35cm
Capacity 60 Litres

EXPLORE THE FULL PORTWEST RANGE

AVAILABLE ON [PORTWEST.COM](https://portwest.com)

With over 1,200 safety styles, Portwest offer a solution for all your safety needs.



HIGH VISIBILITY



FLAME RESISTANT



WORKWEAR



ALL WEATHER



FOOT PROTECTION



HAND PROTECTION



PPE



**HAZARD
PROTECTION**



FOOD



**HEALTH AND
HYGIENE
WORKWEAR**

KEY SYMBOLS

 Stretch panelling This symbol indicates the garment has stretch panelling in key movement areas for greater flexibility.	 Fully elasticated waistband This symbol indicates a fully elasticated waistband on the trouser which allows for all-day comfort for the wearer.	 Knitting Gauge This symbol denotes the knitting gauge of the fabric.	 Concealed detachable hood This symbol indicates that the garment comes with a detachable hood
 CE certified This symbol indicates conformity of essential health and safety requirements as set out in European Directives.	 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.	 Multiple storage pockets This symbol indicates that the garment is designed with multiple pockets.	 Hood This symbol indicates that the garment comes with a non-detachable hood.
 UKCA marked This symbol indicates UKCA marking in progress at time of print. All products placed on the UK market from January 2023 must be UKCA marked.	 Taped seams This symbol indicates that the garment has taped waterproof seams.	 Anti-scratch Surface coating intended to mitigate scratch effects on the lens	 UPF 40+ 40+ UPF rated fabric to block 98% of UV rays
 Phone pocket This symbol indicates that a mobile phone pocket is included in the garment.	 Welded waterproof seams This symbol indicates that the garment has high-frequency welded waterproof seams.	 AF Anti-fog Surface treatment which helps reducing fogging effects on the lens.	 UPF 35+ This symbol indicates the fabric has a UPF rating of 35+ so will block 97% of the UV rays which fall on the garment.
 Print access This symbol indicates that garments have print/embroidery access.	 Certified after 50x washes This symbol indicates compliance with EN ISO 20471 after 50 washes* *Minimum requirement under the EN norm is 5 washes	 FR FR tape Indicates that the garment has flame resistant reflective tape.	 X1 1 layer This symbol indicates that the garment is unlined and is made using only the outer layer of fabric.
 Interactive garment This symbol indicates zip-in fleece or vest feature to create a one-piece garment.	 Dual ID holder Dual ID holder allows use of both portrait and landscape ID card display	 HS Heat applied reflective tape This symbol indicates that the garment has heat applied reflective tape.	 X2 2 layer This symbol indicates that the product has 2 layers - an outer and an inner layer.
 Two-way zipper This symbol indicates that the zip can be opened from the top or bottom of the garment.	 Anti-scratch design Anti-scratch design with no exposed metal parts	 Vending ready This symbol indicates that this product has been individually packed for vending machines.	 X3 3 layer This symbol indicates that the garment has 3 layers - an outer, a mid and an inner layer.
 Reversible garment This symbol indicates that garments are reversible.	 Detachable lining This symbol indicates that the garment has detachable lining.	 100% metal free 100% metal free	 Holster pockets Swing away tool pockets
 Breathable garment This symbol indicates that the garment is made of a high performance breathable fabric.	 Internal tablet pocket This symbol indicates that an internal tablet pocket is included in the garments which carry this symbol.	 Ventilation ports Ventilation ports for maximum breathability	 FR,HA Heat applied flame resistant tape This symbol indicates that the garment has heat applied flame resistant reflective tape
 Half elasticated waist This symbol indicates a half elastic waistband which allows for all-day comfort for the wearer.	 Free spec cord Free spec cord with styles showing this symbol.	 Radio loop This symbol indicates that the garments have a radio loop for easy attachment of a radio.	 FR,IW Indicates that the garment has double-stitched, industrial wash, flame resistant reflective tape.
 Retail tag This symbol indicates that this item is shipped with a retail tag to aid product presentation for retail sales.	 Carton Quantity This symbol indicates the quantity of products in a carton which do not have inner boxes.		

 200 Jouls Steel Toecap	 Dual Density Sole Unit	 Waterproof construction
 200 Jouls Composite Toecap	 Slip resistant outsole	 Waterproof membrane
 Pierce resistant composite midsole	 Heat resistant outsole 300°C	 Water resistant upper
 Pierce resistant steel midsole	 Fuel and oil resistant outsole	 Cold insulation
 Full grain leather	 ESD	 Heat insulation
 Energy absorbing seat region	 Metal free	 Wide fitting
 Anti-static footwear	 Chemical resistant	

SIZE CONVERSIONS

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 NECK

	S		M		L		XL	XXL		3XL		4XL	
METRIC (CM)			37	38	39	41	42	43	44	46	47	48	50
IMPERIAL (INCHES)			14.5	15	15.5	16	16.5	17	17.5	18	18.5	19	19.5



NECK SIZE
CHEST/BUST SIZE
WAIST SIZE

MEASURE AS
INDICATED ON
THE FIGURE TO
FIND YOUR SIZE



MEN'S WAIST

	XS		S		M		L		XL	XXL	3XL		4XL		5XL	
METRIC (CM)	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128
IMPERIAL (INCHES)	26	28	30	32	33	34	36	38	40	41	42	44	46	47	48	50
EURO - DE, NL, BE	42	44	46	48		50	52	54	56		58	60	62		64/66	68
EURO - FR, ES, PT	34	36	38	40	42	44	46	48	50	52	54	56	58		60/62	64



MEN'S CHEST

	XXS		XS		S		M		L		XL		XXL		3XL	4XL	5XL	6XL	7XL	8XL
METRIC (CM)	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148
IMPERIAL (INCHES)	28	30	32	33	34	36	38	40	41	42	44	46	47	48	50	52	54	55	56	58
EURO	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74
LEISUREWEAR	XS		S		M		L		XL	XXL	3XL		4XL		5XL		6XL		7XL	



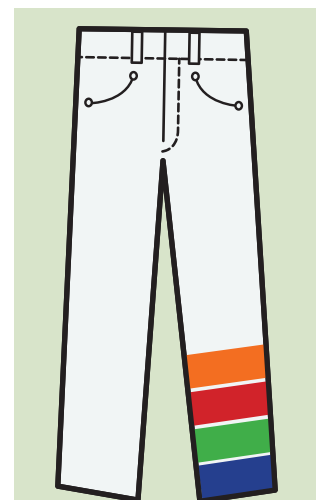
WOMEN'S BUST

	XS		S		M		L		XL	XXL	3XL		4XL	
METRIC (CM)	72	76	80	84	88	92	96	100	104	108	112	116	120	124
IMPERIAL (INCHES)	28	30	32	33	34	36	38	40	41	42	44	46	47	48
EURO - DE, BE, NL, NO, SV, DK	32	34	36		38	40	42	44		46	48	50		52
EURO - FR, ES, PT	34	36	36/38		40	42	44	46/48	48	50	52		54	56
ITALY - IT	36	38	40		42	44	46	46	50	52	54		56	58
UK				8	10	12	14	16	18	20	22	24		26
LEISUREWEAR	XS		S		M		L	XL	2XL		3XL		4XL	



WOMEN'S WAIST

	XS		S		M		L		XL	XXL	3XL		4XL	
METRIC (CM)	60	64	68	72	76	80	84	88	92	96	100	104	108	112
IMPERIAL (INCHES)	22	24	26	28	30	32	33	34	36	38	40	41	42	44
EURO - DE, BE, NL, NO, SV, DK	32/34	36	38	40		42	44	46	48	50	52		54	56
EURO - FR, ES, PT	34/36	38	40	42		44	46	48	50	52	54	56	58	60
ITALY - IT	36/38	40	42	44		46	48	50	52	54	56	58	60	62
UK		6	8	10	12	14	16	18	20	22	24		26	28



LEG LENGTH

- 29" - 74CM - SHORT
- 31" - 79CM - REG
- 33" - 84CM - TALL
- 36" - 92CM - XTALL

Note: Garment sizes vary depending on the style.

FOOTWEAR 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

GLOVES

XXS	XS	S	M	L	XL	XXL	3XL	4XL
5	6	7	8	9	10	11	12	13

8 GLOBAL WAREHOUSES

UK | IRELAND | ITALY | POLAND | SPAIN | UAE | USA | AUSTRALIA



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