

## PROTECTIVE CLOTHING

### HAZARD PROTECTION



#### EN343:2003 - Protection against Foul Weather

Performance criteria governs the resistance to water penetration and water vapour resistance (breathability) of the garment.



#### EN342:2004 - Protection against Cold

Performance criteria provides information regarding the suitability of different garments in different temperatures and levels of activity.



#### Protection against Heat & Flame ENISO 11612:2008 Protective clothing to protect against heat and flame (replaced EN531 – still accepted for garments already certified).

Protection for workers where there is a need for clothing with limited flame spread properties. Protection for the wearer when exposed to radiant or convective or contact heat or to molten metal splashes.



**A** Limited flame spread

**B** Convective heat

**C** Radiant heat

**D** Molten aluminium splash

**E** Molten iron splash

**F** Contact heat

#### EN ISO 14116:2008 Protective Clothing to protect against heat and flame - limited flame spread. (Replaces EN 533 which is still accepted for garments already certified).

Protection for workers against occasional and brief contact with small igniting flames where there is no significant heat hazard and without the presence of another type of heat.

#### EN531 Protective Clothing for workers exposed to heat.

#### ENISO 11611:2007 Protective clothing for use in welding and allied processes. (Replaces EN470-1 which is still accepted for garments already certified.)

2 classes of performance of protective clothing (including hoods, aprons, sleeves and gaiters) designed to protect wearer during welding and allied processes.



#### IEC 61482 Protective Clothing against the thermal hazards of an electric arc.

##### EN61482-1-2 Arc in the box test method

Class 1 = 4kA

Class 2 = 7kA

##### IEC 61482-1-1 Open Arc test method

Measures ARC Thermal Performance Value (ATPV). Arc rating measured in cal/cm<sup>2</sup>.

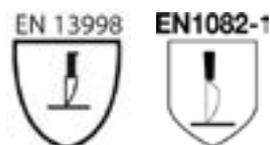


#### Electrostatic Performance (Anti-Static) prEN1149-5:2006

Protective clothing with electrostatic properties. This standard covers two test methods. (EN1149-1 / EN1149-3) and the performance requirements (EN1149-5). It specifies material and design requirements for electrostatic dissipative protective clothing used as part of a total earthed system to avoid incendiary discharge of static electricity.

	<b>EN14786:2006</b>	Tests for chemical sprayed under pressure. The leaf on the logo indicates that it is suitable for use with pesticides and herbicides.
	<b>Chemical Protection – Reduced Spray</b>	<b>EN13034 Type 6</b> <b>EN13034:2005 Type 6 (PB)</b> Partial body. <b>EN1513</b> Limited use protection for parts of the body.
	<b>Chemical Protection – Dry Particle</b>	<b>EN13982 Type 5</b> Protective clothing for use against solid particulates Type 5. <b>EN1513</b> Limited use protection for parts of the body
	<b>Chemical Protection – Spray Tight</b>	<b>EN1512:1993, EN465:1995 Type 4,</b> <b>EN14605:2005 Type 4 (also Type 3)</b> <b>EN 467:1995 Partial body protection only.</b> These standards provide performance requirements for clothing with spray tight connections and seams.
	<b>Chemical Protection – Liquid Tight</b>	<b>EN1511:1994, EN466:1995 Type 3,</b> <b>EN14605:2005 Type 3 (also Type 4)</b> These standards provide performance requirements for clothing with liquid tight connections and seams.
	<b>Chemical Protection – Non-Gas-Tight</b>	<b>prEN943:1995 Type 2</b>
	<b>Chemical Protection – Gas-Tight</b>	<b>prEN943:1995 Type 1</b>
	<b>Protection against Radioactive Particles</b>	<b>EN1073-2</b>
	<b>Protection against Infective Agents (Biohazard)</b>	<b>EN14126:2003</b>
	<b>Chainsaw-Protective Clothing</b>	<b>EN381</b> Different parts of the standard provide information on different types of garments and different performance classes.
	<b>Protection against Moving Parts</b>	<b>EN510</b> <b>AHV510:2004</b>
	<b>Protective Clothing – General Requirements</b>	<b>EN340:2003</b> This standard influences all the protective clothing standards by ensuring that sizing, washing and marking requirements are maintained.

#### CHAIN MAIL PRODUCTS



Workers in the food and meat processing industry using hand knives must wear protective clothing conforming to the EU Standard EN1082-1. This standard covers, among other things, the fit and protective qualities of the glove as well as the type, strength and thickness of steel used. They are lightweight and flexible and are available in seven colour-coded sizes with a selection of cuff lengths.

Chainmail aprons conform to EN13998.



### CLICK NORDIC FLAME RETARDANT COVERALL WWNBS

Colours



FR reflective tape. (Nordic Pattern). Concealed stud front to neck. One left breast pocket with flap. Two front hip pockets. Knee pad pockets. 300 gram 100% cotton drill fabric with flame retardant treatment.

Sizes

**Chest Size 36"**  
**(91cm) - 60"**  
**(152cm)**

EN ISO 11611:2007 Class 1 A1.

EN ISO 11612:2008 A1, B1, C1



### CALLISTO FLAME RETARDANT COVERALL WWCFRBS

Colours



A tough, durable coverall that will keep you and your clothes protected. Includes 2 hip pockets and one chest pocket for easy storage. Stud front fastening for a tight, secure fit. Concealed stud front. Tall leg available in Navy and Orange 38" (96cm) - 50" (127cm) only. 300gsm Proban® flame retardant cotton fabric

Sizes

**Chest Size 36"**  
**(91cm) - 60"**  
**(152cm)**

EN ISO 11611:2007 CLASS 1 A1.

EN ISO 11612:2008 A1 B1 C1.



### CLICK FLAME RETARDANT BOILERSUIT WWFRBSN

Colours



No outside pockets, Concealed stud front, inside breast pocket. 2 velcro sealed hip pockets. 300 gram 100% cotton drill fabric with flame retardant treatment.

Sizes

**Chest Size 36"**  
**(91cm) - 60"**  
**(152cm)**

EN ISO 11611:2007 Class 1 A1.

EN ISO 11612:2008 A1, B1, C1



## FLAME RETARDANT

### CENTAUR FLAME RETARDANT JACKET

WWCFRJ

Colours



Flame retardant cotton fabric. Stud front fastening. Two front pockets.

Sizes

**S-XXXL**

EN ISO 11611:2007 CLASS 1 A1.

EN ISO 11612:2008 A1 B1 C1.



### HELLAS FLAME RETARDANT TROUSERS

WWHFRT

Colours



Flame retardant cotton fabric. Zip and button fastening. Swing pockets. Available in Tall Leg in Navy.

Sizes

**30" (76cm) - 46" (117cm)**

EN ISO 11611:2007 CLASS 1 A1.

EN ISO 11612:2008 A1 B1 C1.



### REDBACK HI-VIS FLAME RETARDANT VEST

HVFRV2

Colours



Flame retardant waistcoat with mesh polyester material and velcro fastening. Fully standardised reflective tape.

Sizes

**S-XXXL**

EN ISO 20471:2013 Class 2.

EN533



### REDBACK HI-VIS FLAME RETARDANT LONG SLEEVED VEST - HVFRLSV

Colours



Long sleeve jerkin style flame retardant waistcoat with mesh polyester material. Touch and close velcro fastening. Fully standardised reflective tape.

Sizes

**M-XXXL**

ENISO20471 Class 3 EN533



**CLICK BURGAN FR AST BOILERSUIT**

WWCFRASBBS

Colours



Flame retardant anti-static boilersuit with concealed zip front to neck. Two breast pockets, two hip pockets, one rear hip patch pocket with flap, one plain patch hip pocket. Rule pocket. Half elasticated waist. Plain cuffs and ankles. 220 gram 100% lightweight cotton drill fabric.

Sizes

**Chest Size 36"**  
**(91cm) – 58"**  
**(147cm)**

ENISO 11611:2007 Class 1 A1

ENISO 11612:2008 A1, B1, C1

EN1149-5:2008

EN1149-3 :2004



## INHERENT FLAME RETARDANT (FR) ANTI-STATIC (AST) ARC RESISTANT

**XENON FR AST BOILERSUIT**

WWXFRBSN

Colours



Coverall available in Regular and Tall Leg. Knee pad pockets, zip fastening with cover flap. Inherent MOD Acrylic Fabric 350gsm.

Sizes

**XS-4XL**

EN ISO 11611:2015 (Class 1, A1 A2).

EN ISO 11612: 2015 (A1 A2 B1 C1).

EN1149-3: 2004.

EN1149-5: 2008.

IEC 61482-2: 2009.

EN 61482-1-1: 2009 (ATPV = 10.8 Cal/cm<sup>2</sup>).

IEC 61482-1-2: 2007 (CLASS 1=4k A).



## FLAME RETARDANT (FR) ANTI-STATIC (AST) ARC RESISTANT

**FR55 BIZFLAME FR AST JACKET**

WWFR55

Colours



Bizflame FR55 Jacket features include triple stitched seams high visibility strips on shoulders and arms concealed front brass zip two front chest pockets with flap and stud closure. Adjustable sleeve opening. Velcro adjustment. Fabric: 350g. FR and anti-static treatment.

Sizes

**S-XXXL**

EN ISO 11612 (A1+A2, B1, C1, E2, F1).

EN ISO 11611 Class 2 (A1+A2).

IEC 61482-2 IEC 61482-1-2 Class 1.

EN1149-5.

ASTM F1959/F1959M-12 (ATPV=13.6 Cal/cm<sup>2</sup> (HAF=82%).

## FLAME RETARDANT (FR) ANTI-STATIC (AST) ARC RESISTANT

**FR56 BIZFLAME FR AST TROUSERS**  
WWFR56N

Colours



Trousers with part elasticated waist, brass zip, back, ruler, thigh pockets, knee pad pockets, Flame resistant reflective tape.

Sizes  
**S-XXXL**

EN ISO 11612 (A1+A2, B1,C1, E2, F1).

EN ISO 11611 Class 2 (A1+A2).

IEC 61482-2 IEC 61482-1-2 Class 1.

EN1149-5.

ASTM F1959/F1959M-12 (ATPV=13.6 Cal/cm2 (HAF=82%).



## FLAME RETARDANT (FR) ANTI-STATIC (AST)

**ZINC FR AST BALACLAVA**  
WWZFRBN

Colours



Anti Static Balaclava in FR AST Fabric 200gsm,

Sizes  
**One Size**

EN531.

EN1149



**FR71 FR AST HI-VIS VEST**  
HVFR71

Colours



Hook and loop closure for easy access. Premium flame resistant reflective tape. Generous fit for wearer comfort.

Sizes  
**S/M - 4XL/5XL**  
**Yellow Only**  
**S/M - XXL/3XL**  
**Orange**

EN ISO 20471 Class 2.

EN ISO 14116 Index 1 (/12H/40).

EN 1149 -5. AS/NZS 4602.1:2011 Class D/N.

RIS-3279-TOM ISSUE 1 (Orange only).

GO/RT 3279 Issue 8 (Orange only).





## FLAME RETARDANT (FR) ANTI-STATIC (AST) WATERPROOF

### ETNA HI-VIS FR AST JACKET

HVEFRJY

Colours



### VESUVIUS HI-VIS FR AST JACKET

HVFRJO

Colours



Hydra-matrix jacket with a heavy duty two-way open ended zip fastening and velcro storm flap. Inner open ended interactive zip with reversible zip puller. Three piece concealed and detachable hood with a zip fastening, wired peak, bungee cord adjuster and velcro chin guard. One zippered map pocket, two lower front bellows pockets, one internal chest pocket with velcro fastening, two front radio loops and one heavy duty plastic D-Ring. Internal loops with press stud fastening in each sleeve. Sewn on reflective tape. 100% PU coated polyester 300D anti-static & flame retardant. 100% FR treated cotton lining. Interactive plastic zips to take matrix gilet.

Sizes

**S-4XL**



ENISO 20471:2013 Class 3.

EN343:2003+A1:2007/AC:2009 Class 3:2.

EN ISO 14116:2008 Index 1/5H/40 Outer; Index 3/5H/40 Liner.

EN1149-1:2006 & EN1149-5:2008.

GO/RT 3279 Issue 8 (Orange only).



### HYDRA MATRIX HI-VIS FR AST BOMBER JACKET

HVMBY

Colours



### HYDRA MATRIX HI-VIS FR AST BOMBER JACKET

HVMBO

Colours



Hydra-matrix Bomber Jacket with a front plastic two-way open end zip and velcro storm flap. Three piece concealed and detachable hood with zip fastening, wired peak, bungee cord adjuster and velcro fastened chin guard. Two front lower bellows pockets with hand warmer pockets and velcro flaps, one internal chest pocket. Elasticated sides on the hem. Sewn on FR reflective tape. Two radio loops. Anti-wicking cuffs with ribbed internal cuff. Anti-wicking hem. Hydra-Matrix 100% PU coated polyester Oxford 300D. 100% FR treated cotton lining.

Sizes

**XS-4XL**



ENISO 20471:2013 Class 3.

EN343:2003+A1:2007/AC:2009 Class 3:2.

EN ISO 14116:2008.

EN1149-1:2006 & EN1149-5:2008.

GO/RT 3279 ISSUE 8 2013 orange only

## FLAME RETARDANT (FR) ANTI-STATIC (AST) WATERPROOF

**VICTORY HI-VIS FR AST TROUSERS**  
HVVFRT0

Colours  


**FUJI HI-VIS FR AST TROUSERS**  
HVFFRTY

Colours  


Hydra-matrix over trousers with elasticated waistband. Side access and stud adjustments on the hem. Sewn on reflective tape. 100% PU coated polyester.

Sizes  
**S-4XL**



ENISO 20471:2013 Class 1.

EN343:2003+A1:2007/AC:2009 Class 3:2.

EN1149-1:2006 and EN 1149-5:2008.

EN ISO 14116:2008 Index 1/5H/40 Outer; Index 3/5H/40 Liner.

EN13688:2013

GO/RT 3279 Issue 8 (orange only).





## FLAME RETARDANT (FR) ANTI-STATIC (AST) WATERPROOF

### MATRIX HI-VIS FR AST SALOPETTES

HVVFRTO

Colours



Two-tone salopettes with quick release buckle fastening. Trousers leg zips with velcro cover and velcro strap for adjustment. Elasticated shoulder braces. Sewn on reflective tape. Inside leg wicking barrier. Fully taped seams. 98% polyester/2% AST coating. 100% polyurethane lining 100% cotton.

Sizes

**XS-4XL**



EN ISO 20471:2013 Class 1.

EN ISO 14116:2015 Index 1/5H/40 Outer; Index 3/5H/40 Liner.

EN1149-1:2006.

EN1149-5:2008.

EN343:2003 +A1:2007/AC:2009.

GO/RT 3279 Issue 8 (2013) (Orange/Navy only)

### SIOEN 9464 HI-VIS FR AST JACKET

HV9464

Colours



100 % waterproof, windproof and highly breathable jacket with high tear resistance. Taped seams, straight collar, foldaway hood in collar, zip closure under flap with touch & close fastening. 2 patched pockets, 1 Napoleon pocket. Sleeve narrowing by press studs. Elastic drawstring in hem, Back length 85 cm (L). Detachable flame retardant fleece lining in body with 1 Inside pocket. 100% polyester fabric with 100% FR PU coating + AST;  $\pm 250 \text{ g/m}^2$ .

Sizes

**S-XXXL**

**SIOSTART**



EN 531 : 1995 / A B2 C1.

EN ISO 14116 : 2008 / Outer : Index 1/5H/40 - Inner : Index 3/12H/75.

EN 1149-5 : 2008.

EN 13034 : 2005 Type PB (6).

EN 471 : 2003 + A1 : 2007 / Class 3-2.

EN 343 : 2003 + A1 : 2007 / Class 3-3 2003.

Detachable lining EN ISO 14116 : 2008 / Index 1.

EN 14058 : 2004 / Class 1 x x x x.

EN340:2003

## FLAME RETARDANT (FR) ANTI-STATIC (AST) WATERPROOF

**SIOEN 5874 HI-VIS FR AST TROUSERS**  
HV5874

Colours



Elasticated waist. Leg narrowing by press studs. Taped seams. 100% polyester fabric with 100% FR PU coating. 100% polyester fabric with 100% FR PU coating + AST;  $\pm 250$  g/m<sup>2</sup>.

Sizes

**S-XXXL**

EN 531 : 1995 / A B2 C1.

EN ISO 14116 : 2008 / Outer : Index 1/5H/40 - Inner : Index 3/12H/75.

EN 1149-5 : 2008.

EN 13034 : 2005 Type PB (6).

EN 471 : 2003 + A1 : 2007 / Class 1-2.

EN 343 : 2003 + A1 : 2007 / Class 3-3

**SIOSTART**





### MASCOT ROMONT FR AST ACID RESISTANT WORK JACKET WWMRJ

Colours



Anti-static, acid-protective and flame retardant. Dirt resistant. Protects from electric arcs and occasional welding arcs. High collar. Double stitched seams on shoulders, sleeves and at the sides. Fastening with storm flap and hidden press studs. Zipped pocket under storm flap. Extended back. Chest pocket with zip. Chest pocket with flap and press stud. D-ring. Strap for gas alarm. Front pockets with zip. Formed cut sleeves. Waist with press stud adjustment. Reflectors. 60% modacrylic/39% cotton/1% carbon fibre, 275 g/m<sup>2</sup>.

Sizes

**S-4XL**

EN ISO 11612 (A1, A2, B1, C1, E1, F1).

EN ISO 11611 - Class 1 (A1, A2), EN 1149-3.

EN 1149-5.

IEC 61482-2 Class 1 (tested in accordance with EN 61482-1-2) and EN 13034 (Type 6).



### MASCOT AROSA FR AST ACID RESISTANT TROUSERS WWMAFRT

Colours



Anti-static, acid-protective and flame retardant. Dirt resistant. Protects from electric arcs and occasional welding arcs. Double and triple stitched seams on leg and crotch. Belt loops. Low waist and form cut waist band. D-ring. Fly with zip. Ergonomically formed trouser leg. Front pockets. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Phone thigh pocket. Reinforced ruler pocket. Adjustable knee pad pockets with flap and top access. Each standard leg length can be lengthened by 3 cm by releasing the internal red stitches. Reflectors. 60% modacrylic/39% cotton/1% carbon fibre, 275 g/m<sup>2</sup>.

Sizes

**26" (68cm) - 52" (133cm) Waist, Leg 30" (76cm), 32.5" (82cm) and 35" (90cm)**



EN ISO 11612 (A1, A2, B1, C1, E1, F1),

EN ISO 11611 - class 1 (A1, A2), EN 1149-3,

EN 1149-5,

IEC 61482-2 class 1 (tested in accordance with EN 61482-1-2) / tested in accordance with IEC 61482-1-1 (ATPV - 7,7 cal/cm<sup>2</sup>) and EN 13034 (Type 6).

## INHERENT FLAME RETARDANT (FR) ANTI-STATIC (AST) ARC RESISTANT

### MASCOT BIEL HI-VIS FR AST ACID RESISTANT JACKET WWMBHVJ

Colours



The Mascot Biel Jacket is Anti-static, acid-resistant and flame-retardant. Dirt repellent. Form cut sleeves with great freedom of movement. Pockets have flap closures to keep sparks out. Extra protection against the cold with an extended back. 60% modacrylic/39% cotton/1% carbon fibre, 275 g/m<sup>2</sup>.

EN ISO 11612 (A1, A2, B1, C1, E1, F1).

EN ISO 11611 - Class 1 (A1, A2).

EN 1149-3.

EN 1149-5.

IEC 61482-2 Class 2 (tested in accordance with EN 61482-1-2).

EN 13034 (Type 6). EN ISO 20471 - Class 2.

Sizes

S-4XL



### MASCOT ARBON HI-VIS FR AST ACID RESISTANT TROUSERS WWMAHVT

Colours



Two-toned. Fluorescent and with reflective tapes. Anti-static, acid-protective and flame retardant. Dirt resistant. Protects from electric arcs and occasional welding arcs. Double and triple stitched seams on leg and crotch. Belt loops. Low waist and form cut waist band. D-ring. Fly with zip. Ergonomically formed trouser leg. Front pockets. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Phone thigh pocket. Reinforced ruler pocket. Adjustable knee pad pockets with flap and top access. 60% modacrylic/39% cotton/1% carbon fibre, 275 g/m<sup>2</sup>.

EN ISO 11612 (A1, A2, B1, C1, E1, F1).

EN ISO 11611 - Class 1 (A1, A2).

EN 1149-3.

EN 1149-5.

IEC 61482-2 Class 1 (tested in accordance with EN 61482-1-2).

EN 13034 (Type 6).

EN ISO 20471 - Class 2.

Sizes

**28" (73cm) - 52" (133cm) Waist,**  
**Leg 30" (76cm),**  
**32.5" (82cm) and**  
**35" (90cm)**



**RADON FR AST ARC TROUSERS**

WWFRRCT

Colours



Flame retardant trousers with side elastication. Concealed jean button and zip fastening. Triple stitching on the front rise, back rise, inside and outside legs. Two side seam pockets, two lower side leg patch pockets with velcro flap, one additional patch pocket on the left leg, one rear patch pocket with velcro flap. Internal loading knee pad pockets. Seven belt loops. 60% modacrylic/40% cotton with anti-static 310gsm.

Sizes

**28" (73cm) - 50" (127cm)**

EN ISO 11612:2015 (A1, A2, B1, C1).  
ENISO 11611:2015 - Class 1 (A1, A2) .  
EN1149-3:2004.  
EN1149-5:2008.  
IEC 61482-2. IEC61482-2.  
EN61482-1-1 (ATPV = 10.8 Cal/cm2).  
EN61482-1-2 Class 1

**BUNSON FR AST ARC SWEATSHIRT**

WWFRBSS

Colours



Flame retardant sweatshirt with ribbing on the neck, cuffs and hem. Sleeve pocket with popper fastening. Twin needle stitching. Half moon detail on the back neck. Taped back neck for extra comfort. 60% modacrylic/40% cotton with anti-static 300gsm.

Sizes

**XS-5XL**

EN ISO 11612:2015 (A1, B1, C2).  
EN1149-3:2004 & EN1149-5:2008.  
EN61482-1-2:2007 (Class 1=4kA).  
EN61482-2:2009 (ATPV=12.6 cal/cm2).  
IEC 61482-2:2009

**BAIRD FR AST ARC POLO SHIRT**

WWFRBPS

Colours



Flame retardant long sleeved polo shirt with a concealed front fastening. Ribbed collar and cuffs. Taped back neck for extra comfort. FR threads. 60% modacrylic/40% cotton with anti-static pique 210gsm.

Sizes

**XS-4XL**

EN ISO 11612:2015 (A1, A2, B1, C1).  
EN1149-3:2004.  
EN1149-5:2008.  
IEC 61482-2:2009.  
EN61482-1-2:2007 (Class 1=4kA )  
EN61482 -2:2009 (EBTO=5.0 cal/cm2).

## INHERENT FLAME RETARDANT (FR) ANTI-STATIC (AST) ARC RESISTANT

### SILICON HI-VIS FR AST ARC TROUSERS

WWHFSTYN

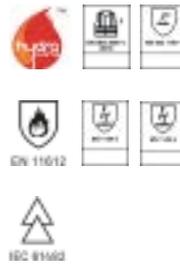
Colours



Flame retardant two-tone trousers with a concealed jean button and zip fly fastening. Side elastication on the waistband. Triple stitching on the front rise, back rise, inside and outside leg. Two side seam pockets, two lower side patch pockets with velcro flap, one additional patch pocket positioned on the left side patch pocket, one rear pocket with velcro flap. Knee pad pockets. Heat applied reflective tape. Seven belt loops. 60% modacrylic/40% cotton with antistatic 310gsm.

Sizes

**28" (73cm) - 50"  
(127cm)**



EN ISO 20471:2013 Class 2.

EN ISO 11612:2015 (A1, A2, B1, C1).

EN ISO 11611:2015 - (Class 1 A1, A2) .

EN1149-3:2004. EN1149-5:2008.

EN61482-1-2 Class 1 - 4kA.

EN61482 - 1-1:2009 (ATPV = 10.8 Cal/cm2).

IEC 61482-2:2009.

### RICHTER HI-VIS FR AST ARC FLEECE

WWHFRFYN

Colours



Flame retardant two-tone fleece with front zip fastening and zip guards. Two lower front welt pockets with zip fastening, one sleeve pocket with popper fastening, one internal patch pocket. Half elasticated sleeve cuffs with FR woven strap and velcro adjustment. Twin needle stitch detail. Bungee cord adjustment on the hem. Heat applied reflective tape. 60% modacrylic/40% cotton with anti-static.

Sizes

**S-4XL**



EN ISO 20471 (Class 3 for Size L.)

Class 2 for Sizes S-M).

EN ISO 11612:2015 (A1, B1, C2).

EN1149-3:2004. EN1149-5:2008.

EN61482 - 1-2:2007 (Class 1 = 4kA).

IEC 61482-1-1:2009 (ATPV = 19cal/cm2) .

IEC 61482-2:2009.

### HERTZ HI-VIS FR AST ARC POLO SHIRT

WWHFHLSPSY

Colours



Long sleeved polo shirt with grey contrast ribbing on the collar and cuffs. Concealed popper fastened placket. Heat applied reflective tape. Half moon detail on the back neck and taped back neck for extra comfort.

Sizes

**XS-5XL**



EN ISO 20471:2013 Class 3.

EN ISO 11612:2015 (A1, A2, B1, C1).

EN1149-3:2004 & EN1149-5:2008.

EN61482 - 1-1:2009 ATPV=9.1 Cal/cm2.

EN61482-2:2009.

**SIOEN 2123 VERMONT COLD STORAGE JACKET**

WW2123

Colours



The Sioen 2123 offers Protection in temperatures up to -40° C. Abrasion resistant outer fabric. ISOSOFT® high grade extra protective thermal lining. Extra protection and lining at elbows and shoulders. Drawstring at waist with knitted windcuffs. Adjustable fleece collar. 2 roomy pockets and breast pocket with pen holder. Zipper and touch and close fastening. Polyester/Cotton 225 g/m<sup>2</sup>.

Sizes

**S-XXXL**ENV 342 : 1998 / Class 3-2 / Icl,r=0,414 m<sup>2</sup> K/W**SIOEN 2122 VERBIERE LONG COLD STORAGE JACKET**

WW2122

Colours



The Sioen 2122 offers protection in temperatures up to -40° C. Abrasion resistant outer fabric. ISOSOFT® high grade extra protective thermal lining. Extra protection and lining at elbows and shoulders. Drawstring at waist with knitted windcuffs. Adjustable fleece collar and detachable hood. 2 roomy pockets and breast pocket with pen holder. Zipper and touch and close fastening. Polyester/cotton (80/20%); ± 225 g/m<sup>2</sup>.

Sizes

**S-XXXL**ENV 342 : 1998 / Class 3-2 / Icl,r=0,414 m<sup>2</sup> K/W**SIOEN 6105 ZERMATT COLD STORE BIB/BRACE**

WW6105

Colours



The Sioen 6105 has protection up to -40°C. Extra protection and lining at knees. Zipper closure and velcro fastening at legs. Strong elastics and buckles at the shoulders. Polyester/cotton (80/20%); ± 225 g/m<sup>2</sup>.

Sizes

**S-XXXL**ENV 342 : 1998 / Class 3-2 / Icl,r=0,414 m<sup>2</sup> K/W

## FREEZER WEAR

### SIOEN 6402 FREEZER COVERALL

OW6402

Colours



Fleece lined collar. Zip closure under flap with press studs. One patched chest pocket. Two patched pockets with flap & one pen pocket. Leg narrowing below by touch and close fastening. Zip closure under flap with touch and close fastening at leg end. Elasticated waist. Polyester/cotton (80/20%);  $\pm 225 \text{ g/m}^2$ .

Sizes

**S-XXXL**



ENV 342 : 1998 / Class 3-2 /  $I_{cl,r}=0,414 \text{ m}^2 \text{ K/W}$

### SIOEN 6148 FREEZER COVERALL

HV6148

Colours



The Sioen 6148 offers protection in temperatures up to  $-40^\circ\text{C}$ . Fleece lined collar. Zip closure under flap with press studs. One patched chest pocket and one pen pocket. Two patched thigh pockets. Sleeve narrowing by touch and close fastening. Zip closure under flap with touch and close fastening. Zip closure under flap with touch and close fastening at leg end. Fixed quilted lining. Knitted wind cuffs in sleeves. One inside pocket. Hood available separately. 100% polyamide;  $\pm 185 \text{ g/m}^2$  + HV - 100 % PES  $\pm 220 \text{ g/m}^2$ .

Sizes

**S-XXXL**



EN ISO 20471 : 2013 / Class 2.

EN 342 : 2004 / Class x 2 x /  $I_{cl,r}=0,552 \text{ m}^2 \text{ K/W}$  with underwear type B + hood.

### SIOEN COTTIER 1038 HOOD

WW1038

Colours



Protection up to  $-40^\circ\text{C}$ . Extra thermal protection for the ears. High grade extra protective thermal lining. 100% polyamide;  $\pm 185 \text{ g/m}^2$  + HV - 100 % PES  $\pm 220 \text{ g/m}^2$ .

Sizes

**One Size**



EN 342 : 2004 / Class x 2 x /  $I_{cl,r}=0,552 \text{ m}^2 \text{ K/W}$  with underwear type B

Hood supplied separately for Sioen 6148 Coverall



## FREEZER WEAR

### CLICK COLDSTAR FREEZER COVERALL

WWCFC

Colours



The Click Coldstar freezer Coverall has robust Oxford nylon outer fabric with 3M Thinsulate lining. Knee pad pouch pockets, 3 patch pockets, heavy duty zip & fly front, 2" Reflective body bands, 2" Reflective leg bands.

Sizes

**S-XXXL**



EN342



### ELLESMERE FREEZER COVERALL

OWKOPF

Colours



Kraft Freezer Coverall with sewn on reflective tape & piping. Concealed front zip fastening with velcro closing storm flap pockets. One patch chest pocket with ID Holder, 2 slant side pockets, 1 pen holder pocket, 2 knee pad holders. Heavy duty easy access leg zips.

Sizes

**S-4XL**



EN342



### BAFFIN FREEZER JACKET

OWKBFJ

Colours



"Freezer Jacket with sewn on reflective tape & piping. Concealed front zip fastening with Velcro storm flap. One bellows chest pocket with ID Holder, 2 lower bellows patch pockets, 2 hand warmer pockets. Fleece Inset into collar and chin guard. Zip off snow skirt. Storm cuffs. Draw cord at waist. Nylon Oxford weave outer - 300gsm Thermal Wadding - Wadding migration barrier."

Sizes

**S-4XL**



EN342



### VICTORIA FREEZER SALOPETTES

OWKVFBB

Colours



Kraft Freezer Salopette style trousers. Sewn on reflective tape. Concealed front zip fastening with stud closing. Storm Flap pockets - 2 Multi Purpose, 2 Knee Pad Holders. Heavy duty easy access leg zips. Elasticated back adjustable braces. Nylon Oxford Weave Outer -300gsm Thermal Wadding - Wadding migration barrier."

Sizes

**S-4XL**



EN342

## GLOVES - COLD PROTECTION

### 7390 FULLY COATED GLOVE

GLT7390

A glove for all cold and demanding environments, dipped in oil-resistant and durable vinyl, which gives a very good grip. Lined with acrylic, which stays warm.

EN388 4131.  
EN511 121.  
EN374-3:2003

Sizes  
**L-XL**

**TEGERA®**



### 9128 WINTER LINED GLOVE

GLT9128

Synthetic Winter-lined leather glove with Microthan®+ and Thinsulate® Fleece Lining. High-viz colour, Chrome free, Elasticated 360°. Suitable for all round work.

EN388 1111.  
EN511 11X

Sizes  
**S-XXL**

**TEGERA®**



### 295 COLD CONDITIONS GLOVE

GLT295

TEGERA 295 Leather lined cold conditions glove. Full grain goatskin with Spandex and Thinsulate® lining, Reinforced index finger, Waterproof, Elasticated 180°. Suitable for all round work.

EN388 2121.  
EN511 020

Sizes  
**S-XXL**

**TEGERA®**



## BALACLAVA

### ERGODYNE 6821 BALACLAVA

OW6821

Polyester Fleece Balaclava for warmth in extreme conditions. Reflective accent for higher visibility. Long length. Hi-vis lime option available with reflective piping and in new longer length.

Colours



Sizes  
**One Size**



## FORESTRY WEAR



**S1P 1S15 CHAINSAW PROTECTION JACKET**  
FW1S15

Colours



Provides protection on the arms, chest and shoulders in accordance with EN 381-11. Ergonomic design with ventilation on the back to provide optimum breathability and comfort. Beaver (PA/COT) outer fabric ergonomic fit. Underarm and back ventilation Water repellent through finish and weaving method. Smartphone pocket on the left arm. Shiny water repellent 45% Polyamide - 55% cotton fabric  $\pm 240\text{g/m}^2$ . Outer fabric - Water repellent 67% polyester - 33% cotton. 250g/m<sup>2</sup>.

Sizes

**S-XXXL**



EN381-11:2002 Class 1 (20m/s)



**S1P 1SP2 CHAINSAW PROTECTION TROUSERS**  
FW1SP2

Colours



Front fly with zip closure - closing by 1 button. 2 inset pockets. 1 back pocket with flap closed by concealed press studs. 1 ruler pocket. Elasticated waist with loops for belt - buttons for braces. Bib in back with buttons for braces. Triple-needle stitching on the back seam to the inside leg. Water repellent 65% Polyester - 35% cotton outer fabric. 245 g/m<sup>2</sup>.

Sizes

**S-4XL**



EN381-5:1995 Class 1 , Type A



**S1P 2SB5 CHAINSAW PROTECTION GLOVES**  
FW2SB5

Colours



Hydrophobic, reinforced on top of the hand with leather. Chainsaw protection on the left hand up to the middle of the lower part of the left arm. Covers a large part of the wrist and arm: 18 cm from the wrist up. Strong aramid stitching. Protective inlay on top of the hand according to EN 381-7 design A.

Sizes

**9,10,11,12**



EN381-7, Class 0, 16 m/s,  
EN388 Class 3132



**COFRA ENERGY CHAINSAW PROTECTIVE BOOT CLASS 3**  
FTCECB

Colours



The COFRA Energy Chainsaw Protective Boot is a water repellent grain leather boot with chainsaw protection, GORE-TEX , antistatic, anti-shock and slip resistant. Non metallic APT Plate midsole. Chain-saw cut resistant (class 3 - chain speed = 28 m/s). Resistant to +300°C. Nitrile rubber toe cap protection.

Sizes

**6 - 13 (39 - 48)**



**SRC**



EN ISO 20344:2004

EN ISO 17249:2013 A E P FO WRU WR CI HI HRO S3 SRC

## FORESTRY WEAR

### COFRA POWER CHAINSAW PROTECTIVE BOOT CLASS 3 Colours

FTCPCB ●

The Cofra Power Chainsaw Protective Boot is a water repellent grain leather boot with chainsaw protection. Soft and scented PU anti-static footbed. The upper layer absorbs moisture and keeps the foot dry. Non-metallic APT plate midsole.

EN ISO 20345 EN ISO 17249:2013  
A E P FO WRU HRO S3 SRC

Sizes  
6 - 13 (39 - 48)



## FORESTRY HELMETS

### G2031A FORESTRY KIT Colours

HDG2031A ●

Forestry Helmet combination provides effective protection for the head, face and hearing. G3000 Helmet, H31P3E hearing protects against high-revving, two-stroke engine noise, V4CK mesh visor, GR3C rain protection. Low weight.

Helmet EN397,  
Visor EN 1731,  
Ear Muffs EN352-3



### HOWARD LEIGHT FORESTRY KIT/HELMET Colours

FW1017291 ●

Designed for forestry and landscape gardening work this kit offers a turnkey solution for hearing and head protection. Leightning L1H ear cups SNR28, bright orange polythene helmet, easily adjustable mesh face shield with sun peak visor, integrated neck guard protected against debris and sun/rain.

Helmet EN397 ,  
Visor EN 1731,  
Ear Muffs EN352-3



### PW98 FORESTRY KIT Colours

HDPW98O ●

PW98 Forestry Combi Kit. Head protection kit comes complete with visor, hearing protection, sun peak and neck guard. Class 1 optics and high tech design provide good visibility and full-face protection. The kit is completed with a reinforced visor holder, increasing the stability of the helmet. Ear protector SNR: 23dB

Helmet EN397,  
Visor EN166 3B EN1731,  
Ear Muffs EN352-3





## CHAINMAIL GLOVES

### EUROFLEX 5 FINGER CHAINMAIL GLOVE- NO CUFF CMEGNC

EN 1082-1

Stainless steel chain mesh glove. Ring diameter 4mm. No cuff.

Sizes  
**5 (XXS) - 11 (XXL)**



### EUROFLEX 5 FINGER CHAINMAIL GLOVE- 15CM CUFF CMEG15

EN 1082-1

Stainless steel chain mesh glove. Ring diameter 4mm. 15cm cuff. Also available in ECOSAFE full stainless steel model.

Sizes  
**5 (XXS) - 11 (XXL)**



### EUROFLEX 5 FINGER CHAINMAIL GLOVE- 19CM CUFF CMEG19

EN 1082-1

Stainless steel chain mesh glove. Ring diameter 4mm. 19cm cuff. Also available in ECOSAFE full stainless steel model.

Sizes  
**5 (XXS) - 11 (XXL)**



### EUROFLEX 5 FINGER GLOVE - 60CM CUFF (SHOULDER GAUNTLET) CMEG60

EN 1082-1

Stainless steel chain mesh glove. Ring diameter 4mm. 60cm cuff. Also available in ECOSAFE full stainless steel model.

Sizes  
**6 (XS) - 10 (XXL)**



### EUROFLEX CHAINMAIL GLOVE TIGHTENER

CE

EUROFLEX Chainmail Glove Tighteners provide better fit and comfort and can be used to accommodate half sizes. Made from a hygienic, elastic polyurethane foil. (Pack 100)

Sizes  
**Universal**



CMGTB

Blue

CMGTW

White

## CHAINMAIL GLOVES

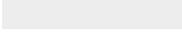
### PERFECT FIT

- One for all right and left-handers
- Flexible, hygienic, strong
- Close steel mesh
- Press - stud fastener
- Serial number, identification tag
- Guarantee 24 months

+12mm



## SIZING CHART

COLOUR			SIZE
BROWN		GR. 9 (49)	XXS
GREEN		GR. 0 (50)	XS
WHITE		GR. 1 (51)	S
RED		GR. 2 (52)	M
BLUE		GR. 3 (53)	L
ORANGE		GR. 4 (54)	XL
OLIVE		GR. 5 (55)	XXL

### CHAINMAIL REPAIR

We repair all makes of chainmail whether supplied by us or not and we offer a collection and delivery service.



## CHAINMAIL APRONS

### EUROFLEX STANDARD SAFETY APRON

EN 13998

Stainless steel mesh apron. Three-way adjustable belt harness and hip ensure optimum fit.



CMEM7550	50X75cm
CMEM8055	55 X 80cm
CMEM8550	50 X 85cm



### EUROFLEX BOLERO - NO SLEEVE

EN 13998

Stainless steel mesh apron with additional shoulder, neck and chest protection. Three-way adjustable belt harness and hip ensure optimum fit.



CMEM7550	50X75cm
CMEM8055	55 X 80cm
CMEM8550	50 X 85cm



### EUROFLEX BOLERO WITH SLEEVE

EN 13998

Stainless steel mesh apron with additional shoulder, neck and chest protection. Three-way adjustable belt harness and hip ensure optimum fit. Available with one long left sleeve (reversible) and with 2 long sleeves left and right.



<b>One Sleeve</b>	CMBOL90501	90X50cm
	CMBOL95551	95X55cm
	CMBOL100601	100X60cm
	CMBOL100651	100X65cm
<b>Two Sleeves</b>	CMBOL90502	90X50cm
	CMBOL95552	95X55cm
	CMBOL100602	100X60cm
	CMBOL100652	100X65cm

## PROTECTIVE COVERALLS

### SIOEN 5996 CHEMTEX COVERALL

OW5996

Colours



Fixed hood. Zip closure under double flap with press studs. High frequency welded seams. Chemtex: Double sided PVC coated polyester fabric;  $\pm 360$  g/m<sup>2</sup>.

Sizes

S-XXXL

EN 465 : 1995

ENV 343 : 1998 / Class 3-1

**SIOEN**



### SIOEN 4964 MONTREAL COVERALL

OW4964

Colours



Straight collar. Foldaway hood in collar. Zip closure under double flap with press studs. Sleeve and ankle narrowing by press studs. Elasticated waist in the back. High frequency welded seams. Flexothane classic: 100% polyamide knitting with PU coating;  $\pm 180$  g/m<sup>2</sup>.

Sizes

S-XXXL

EN 14605 : 2005 Type 4

Tested to EN 14786 : 2006

EN 343 : 2003 + A1 : 2007 / Class 3-1

**SIOEN**



## LIFE JACKETS

### MULLION 3MVBA4 LIFE JACKET

SS3MVBA4

The 3MVBA4 is a standard horseshoe design with a zip fastening closure. Durable wipe clean PVC reinforcement. Adjustable waist belt and stainless steel interlocking belt buckles. Stainless steel D-Ring on belt. Crutch strap. Marine grade whistle and oral inflation tube on the bladder. Red recovery strap marked "LIFT". 33g CO2 gas cylinder. Buoyancy: 175N .

Sizes

One Size

**MULLION**



EN ISO 12402-3

### NEPTUNE 1MV8 LIFE JACKET

SS1MV8

Colours



The Neptune 150 is a standard horseshoe design with a zip closure cover and a single back strap for general utility use. Durable waterproof fabric with zip fastening cover. Stainless steel interlocking belt buckles. Detachable crutch strap. Marine grade stainless steel D-Ring in front. SOLAS approved retro-reflective tape on bladder. Red recovery grab strap on bladder marked "LIFT". 33g CO2 gas cylinder. Inflation system. Whistle. Buoyancy: 208N .

Sizes

One Size

**MULLION**



EN 396

**LIFE BUOY**

SSLB

Designed for both pleasure boat and commercial applications, these ring buoys feature a polyethylene outer shell that will not rot or mould and are unaffected by prolonged outdoor exposure. Fully approved to SOLAS and EC Marine Equipment Directive (Ships Wheel Mark) standards, and fitted with SOLAS retro-reflective tape and grab lines.

Sizes

**30" (76cm)****LIFE BUOY ROPE**

SSLBR

A 30m length of 8mm orange polypropylene floating lifebuoy line suitable for attachment to SOLAS lifebuoys and life rings. Its rugged construction makes it suitable for prolonged storage outside.

Sizes

**30 Metres****LIFE BUOY STORAGE UNIT**

SSLBH

A tough, high visibility orange polyethylene life buoy housing designed for storing the 750mm ring buoy around docks, harbours, piers, jetties and offshore installations. The housings can be bolted/screwed direct to a wall or a fence, mounted using one of two optional mounting posts, or clamped to a tubular railing using U-Bolts from a fixings supplier.

MJSCANNELL SAFETY

