

# ENGINEERS UNIFORM & ARC FLASH PPE



FLASH HAZARD PPE CLASS VS. INCIDENT ENERGY	
HRC (Hazard Risk Class)	Required Minimum ATPV (arc thermal protection value)
<b>0</b>	<b>2 CAL / CM<sup>2</sup></b>
<b>1</b>	<b>4 CAL / CM<sup>2</sup></b>
<b>2</b>	<b>8 CAL / CM<sup>2</sup></b>
<b>3</b>	<b>25 CAL / CM<sup>2</sup></b>
Authority to operate at this HRC must be given in writing by a Senior CBRE AE	
<b>4</b>	<b>40 CAL / CM<sup>2</sup></b>
CBRE are not authorised to operate at this HRC, all work to be undertaken dead or by a specialist contractor	

# Engineers Uniform & ARC Flash PPE

MTS CODE	DESCRIPTION	Standard Uniform	Level 1 Arc	Level 2 Arc	Level 3 Arc	Optional
<b>UNDER GARMENTS</b>	✓* You do not need to buy these underwear items specifically, it's a suggestion, however the minimum standard of 100% cotton or FR underwear is a mandatory requirement.					
2801089	ProGARM FR Mens Boxer Briefs	✓*	✓*	✓*	✓*	
2801103	ProGARM FR Womens Boxer Briefs	✓*	✓*	✓*	✓*	
2601320	ProGARM FR Bra	✓*	✓*	✓*	✓*	
2801090	ProGARM FR Socks	✓*	✓*	✓*	✓*	
2801087	ProGARM Baselayer Top					✓
2801088	ProGARM Baselayer Leggings					✓

PPE	DESCRIPTION	Standard Uniform	Level 1 Arc	Level 2 Arc	Level 3 Arc	Optional
	✓** Multiple options available, only one item of each product type needed.					
1301136	Clear Lens Safety Spectacles	✓	✓	✓	✓	
1201300	TPR Disposable Ear Plugs	✓	✓	✓	✓	
1010621	ProGARM 2700 Arc Gloves	✓	✓	✓		
1010624	ProGARM 2678 Arc Gloves				✓	✓
2218142	CBRE Hi-Vis Anti-Static Flame Retardant Waistcoat	✓	✓	✓	✓	
1751941	ProGARM Balaclava	✓	✓	✓	✓	
1751943	ProGARM Snood					✓
8011842	Ultar Safety Shoe	✓**	✓**			
8011761	Trivor Safety Boot	✓**	✓**			
8011838	Energy Safety Shoe	✓**	✓**			
8011836	Energy Safety Boot	✓**	✓**			
1751237	Electrical Arc Boot			✓	✓	
1103335	ProGARM 2696 36 CAL Arc Flash Safety Helmet			✓	✓**	
1751942	ProGARM 9700 Arc 4 Hood, 47cal				✓**	
1700160	ProGARM FR Kneepads					✓
2601319	ProGARM Belt					✓

CLOTHING	DESCRIPTION	Standard Uniform	Level 1 Arc	Level 2 Arc	Level 3 Arc	Optional
	✓** Multiple options available, only one item of each product type needed.					
2801091	ProGARM 5280 Polo Shirt	✓**	✓			
2801082	ProGARM 5200 Polo Shirt			✓	✓	
2217926	MASCOT® CROSSOVER Long Sleeved T-shirt	✓**				
2217927	MASCOT® MULTISAFE Long-sleeved T-shirt	✓**				
2218077	100% Cotton Longsleeve Polo Shirt	✓**				
2218078	100% Cotton Longsleeve Polo Shirt	✓**				
2217925	100% Cotton Sweatshirt	✓				
2801086	ProGARM 5630 Sweatshirt					✓
2219272	Industry Jacket	✓				
2204002	Industry Trousers	✓				
2801080	ProGARM 7638 Trouser		✓**	✓**	✓	
2801081	ProGARM 7720 Combat Trouser		✓**	✓**		
2801083	ProGARM 5850 Jacket			✓		
2801084	ProGARM 6458 Coverall			✓	✓	
2801085	ProGARM 9931 Softshell				✓	
2601318	ProGARM Detachable Holster Pocket					✓

Please refer to Matrix on pages 2 & 3



**2801089**

## 2801089NVY

### ProGARM 8700 Boxer Briefs - Mens Navy

ProGARM® introduces new FR AS Boxer briefs, the light fabric and mesh stripes add to the garment breathability and the unique seamless side features add to the comfort.

Seam Guarantee

100% Inherent



**2801103**

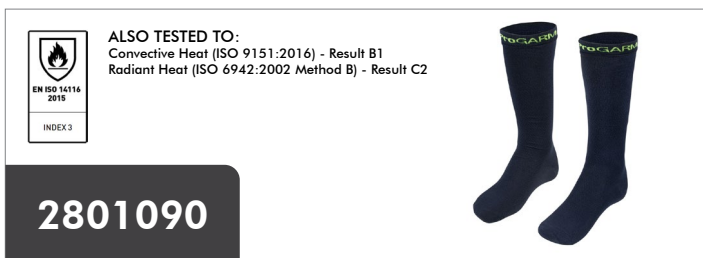
## 2801103

### ProGARM 8700 Boxer Briefs - Ladies' Navy

ProGARM® introduces new FR AS Boxer briefs, the light fabric and mesh stripes add to the garment breathability and the unique seamless side features add to the comfort.

Seam Guarantee

100% Inherent



**2801090**

## 2801090NVY

### ProGARM 2101 Compression Sock Navy

ProGARM® introduces new flame resistant compression socks, as part of the accessories range, ideal for wear with any of the ProGARM™ Range. **100% Inherent**

#### IMPORTANT NOTE

- Not to be worn by diabetics
- Not to be worn by anyone with a heart condition or anyone who has previously suffered a stroke.



**2601320**

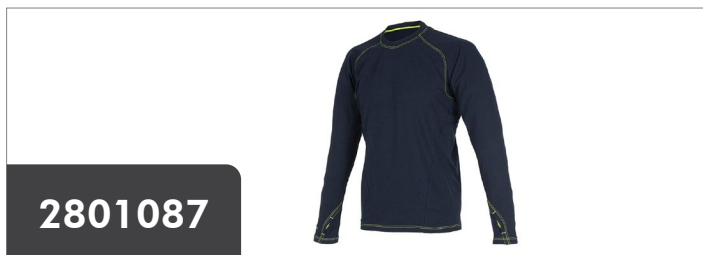
## 2601320

### ProGARM 8770 Flame Resistant Bra Black

Sizes: XS-2XL

Colour: Black

Fabric Weight: 330gms

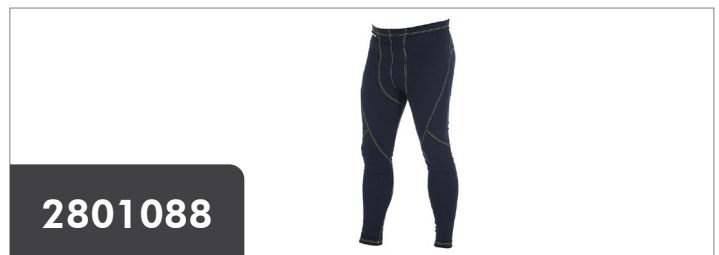


**2801087**

## 2801087NVY

### ProGARM 8210 Baselayer Top Navy

An unbelievably comfortable base-layer top, ideal for wearing under our polo shirts, sweatshirts and coveralls for added protection, comfort and warmth. These form part of our popular Baselayer range and can be worn in conjunction with Baselayer leggings 8220 as a matching set.



**2801088**

## 2801088NVY

### ProGARM 8220 Baselayer Leggings Navy

Unbelievably comfortable leggings/long johns/ baselayer leggings, ideal for wearing under our trousers and coveralls for added protection, comfort and warmth. These form part of our popular Baselayer top 8210 as a matching set.

Please refer to Matrix on pages 2 & 3



**1301136**

## 1301136

### Yale Spectacles Clear

Ultra lightweight. Wrap around design. Contoured shape. Polycarbonate lens (PC lens). Soft nose bridge. Non slip coloured rubber tips. Colour: Clear. Cat 2 - Intermediate Risk

- Conform to EN166:
- Optical Class:1
- F - (Low impact energy)
- 2C-1.2 - UV Filter



**1201300**

## 1201300

### Earplugs

TPR disposable ear plugs. Colour: Green

Cat 2 - Intermediate Risk

Conforms to EN352-2:2002

Attenuation Data: SNR=27, H=27, M=23, L=23



**2218142**

## 2218142YEL

### Hi-Vis Anti-Static Flame Retardant Waistcoat

Pinstripe detail. Tear release front closure. Two reflective bands around the body and one over each shoulder.

Conforms to EN ISO 20471: 2013 + A1: 2016 class 2, EN14116 and EN1149.

Colour: Yellow

Sizes: S - 3XL

Material:

100% recycled polyester (some colours in transition).



**HEAT APPLIED TRANSFER**

**Logo:** CBRE  
(87 x 22mm)  
**Position:** FLB  
2710640



**HEAT APPLIED TRANSFER**

**Logo:** CBRE  
(213 x 53mm)  
**Position:** Rear  
2710641

Please refer to Matrix on pages 2 & 3



**1010621KHA**

**ProGARM 2700 ARC Gloves Khaki**

ProGARM 2700 Arc flash dexterity gloves coated with Neoprene and Natural Rubber for excellent comfort, grip and flexibility, providing wearer with A4/Cut 5 resistance as well as heat and arc flash protection, making them suitable for a number of high risk environments.

**Colour:** Khaki

**Features:**

- Category 2 Arc rated
- Level 5 (EN388:2003 withdrawn) - Level D TDM (EN388:20016 current)
- Excellent dry and wet grip
- Good abrasion resistance
- Excellent oil, grease, glue and chemical resistance
- Dexterity, touch, elasticity and hand conformity similar to Natural Rubber

**100% INHERENT**

**OPEN ARC**



**1751941NVYONESIZE**

**ProGARM 8100 Balaclava**

ProGARM® introduces new FR Balaclava, part of the Baselayer range, ideal for worn underneath the ProGARM™ Helmet or on its own. For extra neck protection make sure to wear the 8300 Snood.

**Fabric Specification:**

ProGARM VXS+ Inherent Jersey Fabric, Navy - 220gms

**INHERENT PROTECTION**

FR properties last the lifetime of the fabric & do not wash out

**INSTANT EXTINGUISHING PROPERTIES**

Ultimate protection against Flame & ARC Flash Hazards

**GREAT COMFORT**

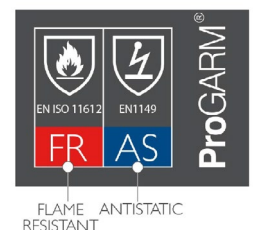
Breathable, soft to wear & fantastic to touch

**Sizes:** One Size


**Colour:** Navy

**SEAM GUARANTEE**

**100% INHERENT**



Please refer to Matrix on pages 2 & 3



**21** **ESD** **ULTRA SLIP RESISTANT SOLE**

**8011842**

**ESD**

**ESD** **METAL FREE** **140°C** **SEC** **ESD** **ESD**

**8011842**  
**Ultar Safety Shoe**

**S3**

Metal free. Water-repellent. Lace fastening. Moulded TPU toe reinforcement. Suitable for working on the knees. Composite toe cap. Nail protection of special textile material. Stabilising multi-function shank with integrated absorbing cushioning. Light moulded scuff cap. Non-marking sole – no scuff marks. The outsole of hard wearing PU is transfer resistant (non-marking). Very slip resistant sole/SRC. Heat resistant sole up to 140°C. Profile depth 2.5mm. Ladder grip. Shock-absorbing insoles are removable, durable and ergonomic. Absorbs and removes moisture. Heel cap. Sole is oil and petrol resistant. ESD Approved to EN IEC 61340-4-3: 2002 + EN IEC 61340-5-1: 2008.

Colour: Black

Sizes (UK): 6-13, incl. 6.5 & 10.5  
 Sizes (EU): 39-48

Leather

Standard: EN ISO 20345

Category: S3

User:  
 Craftsmen and light building. Light industry and logistics.



**21** **ESD** **ULTRA SLIP RESISTANT SOLE**

**8011761**

**ESD**

**ESD** **METAL FREE** **140°C** **SEC** **ESD** **ESD**

**8011761**  
**Trivor Safety Boot**

**S3**

Metal free. Water-repellent. Lace fastening. Moulded TPU toe reinforcement. Suitable for working on the knees. Composite toe cap. Nail protection of special textile material. Stabilising multi-function shank with integrated absorbing cushioning. Light moulded scuff cap. Non-marking sole – no scuff marks. Two-component sole of PU/PU. Very slip resistant sole/SRC. Heat resistant sole up to 140°C. Profile depth 2.5mm. Ladder grip. Shock-absorbing insoles are removable, durable and ergonomic. Absorbs and removes moisture. Heel cap. Sole is oil and petrol resistant. ESD Approved to EN IEC 61340-4-3: 2002 + EN IEC 61340-5-1: 2008.

Colour: Black

Leather


Sizes (UK): 6 - 13, incl. 6.5 & 10.5  
 Sizes (EU): 1139 - 1148

Category: S3

Standard: EN ISO 20345


User:  
 Craftsmen and light building. Light industry and logistics.

Please refer to Matrix on pages 2 & 3



**24** **ESD** **ULTRA SLIP RESISTANT SOLE**

**8011838**



**8011838**

**S1P**

**Energy Safety Shoe**

The front part of the shoe bends flexibly with the foot. Metal free. Uppers of durable flexible textile. Lace fastening. Composite toe cap. MASCOLAYER® nail protection. Insert in the midsole of shock-absorbing lightweight material. Shock-absorbing, soft and flexible two-component sole of PU/PU. Durable non-marking outsole. TPU toe reinforcement. ETPU insert in the entire sole absorbs shock effectively, so the back and legs are protected with every step. Heat resistant sole up to 140°C. Ladder grip. 5.0mm profile depth. Removable insoles with optimal arch support that can counteract the tendency to flat foot. Sole is oil and petrol resistant.

ESD Approved to EN IEC 61340-4-3: 2002


Colour: Black                      Textile

Sizes (UK): 6 - 13, incl. 6.5 & 10.5

Sizes (EU): 1039 - 1048

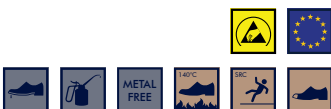
Category: S1P                      Standard: EN ISO 20345

User:  
Craftsmen and light building. Light industry and logistics.



**24** **ESD** **ULTRA SLIP RESISTANT SOLE**

**8011836**



**8011836**

**S1P**

**Energy Safety Boot**

The front part of the shoe bends flexibly with the foot. Metal free. Uppers of durable flexible textile. Lace fastening. Composite toe cap. MASCOLAYER® nail protection. Insert in the midsole of shock-absorbing lightweight material. Shock-absorbing, soft and flexible two-component sole of PU/PU. Durable non-marking outsole. TPU toe reinforcement. ETPU insert in the entire sole absorbs shock effectively, so the back and legs are protected with every step. Heat resistant sole up to 140°C. Ladder grip. 5.0mm profile depth. Removable insoles with optimal arch support that can counteract the tendency to flat foot. Sole is oil and petrol resistant.

ESD Approved to EN IEC 61340-4-3: 2002

Colour: Black                      Textile

Sizes (UK): 6 - 13, including 6.5 & 10.5

Sizes (EU): 1039 - 1048

Category: S1P                      Standard: EN ISO 20345

User:  
Craftsmen and light building. Light industry and logistics.

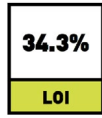


Please refer to Matrix on pages 2 & 3

## OPEN ARC



## LOI



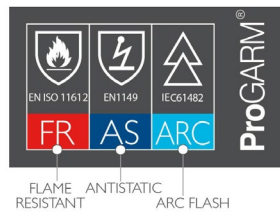
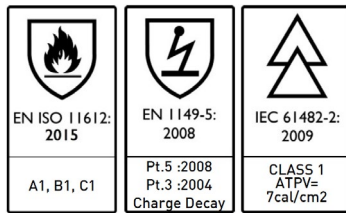
## BOX TEST



## FABRIC



## EN STANDARDS



## Protection in Layers

2801079 Polo Shirt  
+ 2801086 Sweatshirt = ARC 3  
Protection with 31.0cal/cm<sup>2</sup>



## 2801091

### ProGARM® 5280 Polo Shirt Navy

Premium long sleeved High Visibility Polo shirt constructed using VXS+ Pique fabric with soft touch finish. Tested with 2801086 Sweatshirt with results of Class 2 & 31.0cal/cm<sup>2</sup>.

Seam Guarantee      100% Inherent

Sizes: S - 4XL

Colour: Navy



Transfer: Trimax

Logo: CBRE (87 x 22mm)

SKU: 2710650

Position: FLB

**TRIMAX TRANSFERS ARE ONLY SUITABLE FOR DOMESTIC WASHING**

**IF THE GARMENT WILL BE INDUSTRIALLY LAUNDERED, YOU MUST MAKE MTS AWARE, AS THIS WILL AFFECT THE TYPE OF TRANSFER WHICH WILL BE APPLIED**

**DATASHEET CONTINUED ON FOLLOWING PAGE**

**DATASHEET CONTINUED FROM PREVIOUS PAGE**

**Features and Benefits:**

- Enclosed stud placket // Allows quick fastening
- VXS+ blend // Natural feel, comfortable and soft
- Breathable // with good moisture management
- ThermSAFE™ plastic FR poppers // CE Certified
- Knitted collar with tipping // Ensures best appearance after washing
- Rib knit cuffs // Close fit
- Colour matched to other navy ProGARM® garments // Best appearance
- SafetyICON™ on arm // Visual EN Norm icon system



**Fabric Specification:**

ProGARM VXS+ Inherent Pique Fabric, Navy - 210gms

**INHERENT PROTECTION**  
**INSTANT EXTINGUISHING PROPERTIES**  
**GREAT COMFORT**

FR properties last the lifetime of the fabric & do not wash out  
 Ultimate protection against Flame & ARC Flash Hazards  
 Breathable, soft to wear & fantastic to touch

**Care Information:**

- Do not bleach, do not boil, do not use soap based products - only detergents.
- Dirty clothing may lead to a reduction in protection.
- Company will not accept liability for garments where care labels have been ignored, neglected, defaced or removed.
- Always store in clean dry conditions.
- Do not store in places subject to direct strong sunlight.



## CBRE

HEAT APPLIED TRANSFER

Logo: CBRE (87 x 22mm)

SKU: 2710650

Position: FLB



**2217926**

## 2217926

### MASCOT® CROSSOVER Long Sleeved T-shirt

Modern fit. Strong quality. Preshrunk. Round neck. Neckband.

- Combed cotton absorbs moisture and is extra comfortable against the skin.
- Ribbed collar and sleeves. Rib at neck and cuffs.
- Extra padding over the seam at the neck so the seam does not cause irritation.

Colour: Dark Navy Sizes: XS S M L XL 2XL 3XL 4XL

100% cotton, 195 g/m<sup>2</sup>



Single jersey fabric. Shrinkage max. 5%. Colour 08: 90% cotton/10% viscose. Colour 88: 99% cotton/1% viscose.

Industrial care category C2

Certifications: Oeko-Tex® Standard 100



User: Craftsmen and light building / Light industry and logistics / Building and construction / Heavy industry / Corporate Wear / Offshore and wind sector

## CBRE

HEAT APPLIED TRANSFER

Logo: CBRE (87 x 22mm)

SKU: 2711989

Position: FLB



**2217927**

## 2217927

### MASCOT® MULTISAFE Long-sleeved T-shirt

Modern fit. Anti-static and flame-retardant properties. Sewn with flame retardant thread. Round neck. Rib at neck. Neckband. Contrast stitching. Colour: Dark Navy

- Long life, with flame retardant thread used in seams.
- Extra padding over the seam at the neck so the seam does not cause irritation.

Sizes: S M L XL 2XL 3XL 4XL

60% modacrylic/39% cotton/1% carbon fibre 220 g/m<sup>2</sup>



Pique fabric. Shrinkage max. 5%.

Industrial care category C2

Certifications:

- EN 1149-3:2004
- EN 1149-5:2008
- EN ISO 11612 (A1, B1, C1, F1)
- EN 61482-1-1 (ATPV - 6.4 cal/cm<sup>2</sup>)
- EN 61482-1-2 class 1 (ATPV - 6.4 cal/cm<sup>2</sup>)



User: Craftsmen and light building / Building and construction / Heavy industry / Offshore and wind sector

## CBRE

EMBROIDERY FIRE FIGHTER

Logo: CBRE (50 x 13.1mm)

SKU: 2701522

Position: FLB



2218077

## 2218077

### Long Sleeve Cotton Piqué Polo Shirt

Stand up collar. Three button placket with horn effect buttons. 1x1 ribbed narrow cuffs. Side vents. Twin needle stitching.

Material: 100% cotton.

Weight: 225 gsm

Size:	S	M	L	XL	XXL
Chest (to fit):	36/38	38/40	42	44/46	48

## CBRE

EMBROIDERY FIRE FIGHTER

Logo: CBRE (50 x 13.1mm)

SKU: 2701522

Position: FLB



2218078

## 2218078

### Perfect Long Sleeve Piqué Polo Shirt French Navy

Ribbed collar and cuffs. Taped neck. Two self colour button placket. Twin needle hem. Tear out label.

Material: 100% combed cotton.

Colour: French Navy

Weight: 180 gsm

Size:	S	M	L	XL	XXL	3XL
Chest (to fit):	36/38	38/40	41/42	43/44	45/47	47/49



2217925

## 2217925

### Pure Organic Reversible Sweatshirt French Navy

- Ultra soft face with unbrushed terry twill reverse.
- Drop shoulder style.
- Ribbed collar, cuffs and hem with Lycra®.
- Taped neck and shoulders.
- Overlock stitched seams.
- Leather-look patch above left hem.
- Unbranded size label on waistband which tucks away into small pocket.

Material: 100% certified organic ringspun combed cotton.

Weight: 300 gsm

Size:	XS	S	M	L	XL	XXL	3XL
Chest (to fit):	34/36	36/38	38/40	40/42	42/44	44/46	46/48

# CBRE

#### EMBROIDERY FIRE FIGHTER

Logo: CBRE (50 x 13.1mm)

SKU: 2701522

Position: FLB

Please refer to Matrix on pages 2 & 3



2219272

HEAT APPLIED TRANSFER

Logo: CBRE (87 x 22mm)

SKU: 2710650

Position: FLB Above Pocket

**CBRE**

## 2219272

### Industry Jacket Black / Grey

The jacket has two chest pockets with flaps, one of which has a strap for extra tool storage. Pleated back for increased movement.

SIZE S M L XL XXL XXXL 4XL

#### FUNCTION

##### MAIN MATERIAL

100% cotton, twill, 320 g/m<sup>2</sup>

#### DETAILS

Shoulder sections in contrasting colour

Bellow on back

Removable ID pocket

#### FRONT CLOSURE

Hidden one-way plastic zipper

#### POCKETS

Chest pockets with bellow and flap, one with two-compartment pen pocket

Two front pockets

Inner pockets, one with telephone pocket

#### FINISH

Adjustable sleeve end

#### QUALITY & WASHING CARE

100% cotton, twill, 320 g/m<sup>2</sup>

Retains its shape for additional comfort. Sanforized (pre-shrunk) cotton. Popular in engineering and service industries.



Please refer to Matrix on pages 2 & 3



**2204002**

## 2204002

### Industry Trousers Black / Grey

Two-tone industry trousers are comfortable, sturdy and hardwearing. Durable material, good fit and modern design make this trouser the ultimate first choice for those working in industry.

<b>SIZE</b>	30R	32R	33R	34R	36R	38R	40R	42R	44R	46R			
	32L	33L	34L	36L	38L	40L	36S	37S	39S	41S	43S	45S	47S

#### FUNCTION

##### MAIN MATERIAL

100% cotton, twill, 320 g/m<sup>2</sup>

#### DETAILS

- Plastic zipper fly
- Wide loops at back and sides
- Removable ID pocket

#### POCKETS

- Back pockets with flap
- Leg pocket with telephone pocket, ID pocket and pen pockets
- Side pockets
- Ruler pocket

#### QUALITY & WASHING CARE

100% cotton, twill, 320 g/m<sup>2</sup>

Retains its shape for additional comfort. Sanforized (pre-shrunk) cotton. Popular in engineering and service industries.



Please refer to Matrix on pages 2 & 3

**2801079NVY****ProGARM 5280 Polo Shirt Navy**

Premium long sleeved High Visibility Polo shirt constructed using VXS+ Pique fabric with soft touch finish. Tested with 5630 Sweatshirt with results of Class 2 & 31.0cal/cm<sup>2</sup>.

**2801080NVY****ProGARM 7638 Trousers Navy**

Superior quality combat pocket trouser with improved fit for improved comfort and appearance. CE Certified for ARC protection to Class 1 and 9.5cal/cm<sup>2</sup>.

**2801081NVY****ProGARM 7720 Combat Trousers Navy**

ProGARM ® 7720 FR, AS & ARC Combat trouser offers superb comfort and durability for workers that require additional storage space for tools while working, fabric abrasion up to 100.000 cycles, see 7721 Detachable holster pocket for even more storage space.



Please refer to Matrix on pages 2 & 3

**2801083NVY****ProGARM 5850 Jacket Navy**

Well designed jacket featuring reflective tape and the lighter weight VXS+ fabric whilst ensuring outstanding Arc protective properties.

**2801084NVYE****ProGARM 6458 Coverall Navy / Yellow**

Premium quality coverall in VXS+ super soft 240gms fabric designed specifically for workers in the Utility and Energy markets requiring a lighter weight fabric and a garment that can be worn in conjunction with a body harness.



**2801080**

**2801080NVY**

**ProGARM 7638 Trousers Navy**

Superior quality combat pocket trouser with improved fit for improved comfort and appearance. CE Certified for ARC protection to Class 1 and 9.5cal/cm<sup>2</sup>.

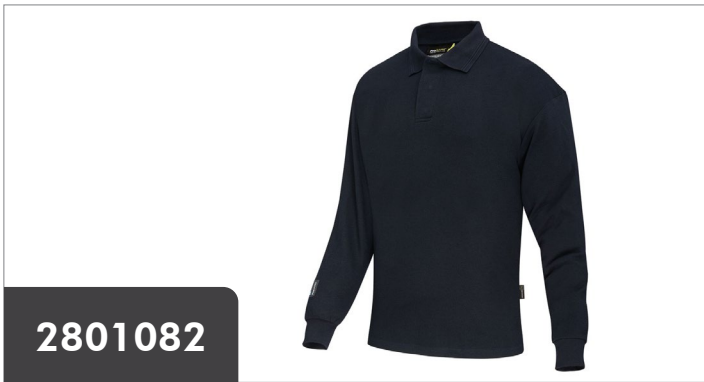


**2801081**

**2801081NVY**

**ProGARM 7720 Combat Trousers Navy**

ProGARM ® 7720 FR, AS & ARC Combat trouser offers superb comfort and durability for workers that require additional storage space for tools while working, fabric abrasion up to 100.000 cycles, see 7721 Detachable holster pocket for even more storage space.

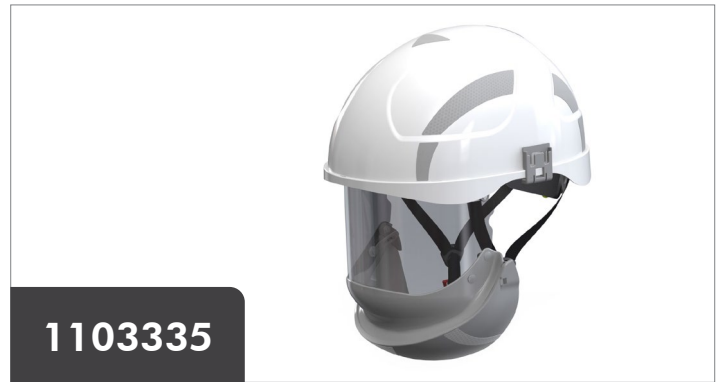


**2801082**

**2801082NVY**

**ProGARM 5200 Polo Shirt Navy**

ProGARM® premium long-sleeved polo shirt constructed using VXS+ Interlock fabric with soft touch finish, tested to achieve Category 2 ARC.



**1103335**

**1103335**

**ProGARM 2696 36 CAL Arc Flash Safety Helmet**

The ProGARM® Safety Helmet protects the head against injuries caused by falling objects, electric shock by preventing shock current flow through the head and also against Arc Flash and molten metal splashes.

**HELMET:** Made of ABS. Electrical Class O (1000 V AC/1500 V DC) according to EN 50365 Electrical Class E (20kV AC) according to ANSI Z89.1.1

**FACE SHIELD:** Protection against high-speed particles - B. Protection against droplets and splashes of liquids (3). Full face, chin and neck protection against thermal hazards caused by electric arc flash.

Protection against electric arc: Class 2 - Box test 7kA/0.5s; ATPV > 36cal/cm<sup>2</sup>.

Incident energy - ATPV = 36cal /cm<sup>2</sup>.

Please refer to Matrix on pages 2 & 3



**THIS ITEM IS PART OF THE ARC FLASH KIT AND CAN ONLY BE ORDERED AS A REPLACEMENT ITEM FOR THIS KIT**

**1751237**



**1751237**  
New Electrical SB E P WRU HRO FO SRC

Upper: water repellent full grain leather External Lining: breathable leather

Internal Lining: 100% polyamide fabric, ladder-proof, breathable, it absorbs and releases the moisture, abrasion resistant

Footbed: METATARSAL SUPPORT GEL, made of soft and scented polyurethane, electrically insulating, anatomic, covered with cloth. The soft gel insert in the metatarsal area guarantees stability and comfort even on uneven surfaces. Cold and heat insulation.

Sole - polyurethane / nitrile rubber resistant to +300 °C (1 minute contact) with high electrical resistance.

Toe Cap: non metallic TOP RETURN resistant to 200 J

Midsole: non metallic APT PLATE - Zero Perforation with high electrical resistance

Width: 11 Mondopoint                      Sizes: 39-48 (EU), 6-13 (UK)

Performances & Technical Features: 100% Metal Free, HRO

Suggested Usage: footwear for electricians

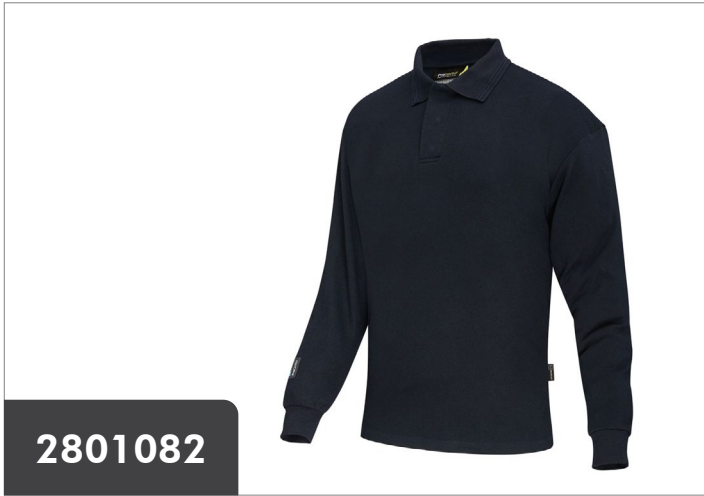
Standard: EN ISO 20345:2011

**Highly Electrical Resistant Sole** - Tested in compliance with EN ISO 20344:2011, they obtain a resistance superior to 2.000 Mohm (minimum requirements 1.000 Mohm)

**Electrical Insulation:** Tested in compliance with CAN/CSA Z195-14 and ASTM F2412-11 in dry condition. 18.000 V for 1 minute, they obtain a leakage current of 0,25 mA (maximum requirement 1,00 mA).

**SECONDARY PROTECTIVE EQUIPMENT TO BE USED IN ADDITION TO THE PRIMARY ONES (obligatory)**

Please refer to Matrix on pages 2 &amp; 3

**2801082****2801082NVY****ProGARM 5200 Polo Shirt Navy**

ProGARM® premium long-sleeved polo shirt constructed using VXS+ Interlock fabric with soft touch finish, tested to achieve Category 2 ARC.

**2801084****2801084NVYE****ProGARM 6458 Coverall Navy / Yellow**

Premium quality coverall in VXS+ super soft 240gms fabric designed specifically for workers in the Utility and Energy markets requiring a lighter weight fabric and a garment that can be worn in conjunction with a body harness.

**2801080****2801080NVY****ProGARM 7638 Trousers Navy**

Superior quality combat pocket trouser with improved fit for improved comfort and appearance. CE Certified for ARC protection to Class 1 and 9.5cal/cm<sup>2</sup>.

**2801085****2801085NVY****ProGARM 9931 Softshell Jacket Navy**

ProGARM® 9931 Softshell Jacket is a modern and comfortable jacket due to its unique fabric blend and close fit design. Laminated outer layer to offer showerproof protection and microfleece inner layer to offer comfort.

Jacket is equipped with numerous pockets for maximum storage. Jacket meets category 3 ARC with 28cal rating.



**1751237**

**1751237**  
New Electrical SB E P WRU HRO FO SRC



**1751942**

**1751942**  
ProGARM 9700 Arc 4 Hood, 47cal Navy



**1103335**

**1103335**  
ProGARM 2696 36 CAL Arc Flash Safety Helmet

The ProGARM® Safety Helmet protects the head against injuries caused by falling objects, electric shock by preventing shock current flow through the head and also against Arc Flash and molten metal splashes.

**HELMET:** Made of ABS. Electrical Class O (1000 V AC/1500 V DC) according to EN 50365 Electrical Class E (20kV AC) according to ANSI Z89.1.1

**FACE SHIELD:** Protection against high-speed particles - B. Protection against droplets and splashes of liquids (3). Full face, chin and neck protection against thermal hazards caused by electric arc flash.

Protection against electric arc: Class 2 - Box test 7kA/0.5s; ATPV > 36cal/cm<sup>2</sup>.

Incident energy - ATPV = 36cal /cm<sup>2</sup>.



**1010624**

**1010624TAN**  
ProGARM 2678 Arc Gloves Tan

High performance Kevlar® lined leather glove with 100% waterproof and windproof lining to keep hands warm and dry. The glove is made of three layers consisting of a goatskin outer shell, waterproof membrane and a Kevlar® liner. The form-fit, ergonomic design promotes superior dexterity and comfort.

Please refer to Matrix on pages 2 & 3



**2801086**

**2801086NVY**

**ProGARM 5630 Sweatshirt Navy**

Premium sweatshirt featuring innovative arm panel design with pocket and constructed using VXS+ Jersey with brushed fleece inner for warmth. Tested with 5280 Polo Shirt with results of Class 2 & 31.0cal/cm<sup>2</sup> protection.



**1751943**

**1751943NVYONESIZE**

**ProGARM 8300 Snood Navy**

ProGARM® introduces new FR Snood, part of the FR Baselayer range, wear with 8100 Balaclava for extra neck protection, the snood can be worn in multiple forms to cover neck only, mouth and neck or even as a balaclava.



**1700160**

**1700160**

**ProGARM 2240 FR Kneepads (Pair)**

FR Certified Gel Foam Kneepads designed for use with our range of Flame Resistant Garments to improve comfort when kneeling. Cellular foam rubber for maximum comfort and wash performance.



**2601318**

**2601318**

**ProGARM 7721 Detachable Holster Pocket Navy**

ProGARM® 7721 FR Detachable Holster Pocket adds more storage space to the 7720 Combat Trousers, features six open smaller pockets for tools and one flapped pocket for secure storage.



**2601319**

**2601319**

**ProGARM 2400 Belt**

ProGARM® 2400 Belt is made from inherently flame resistant materials, buckle and end tip made from PA 6.6