

Engineers Uniform & ARC Flash PPE

FLASH HAZARD PPE CLASS VS. INCIDENT ENERGY	
HRC (Hazard Risk Class)	Required Minimum ATPV (arc thermal protection value)
0	2 CAL / CM²
1	4 CAL / CM²
2	8 CAL / CM²
3	25 CAL / CM²
Authority to operate at this HRC must be given in writing by a Senior CBRE AE	
4	40 CAL / CM²
CBRE are not authorised to operate at this HRC, all work to be undertaken dead or by a specialist contractor	

MTS CODE	DESCRIPTION	Standard Uniform	Level 1 Arc	Level 2 Arc	Level 3 Arc	Optional
UNDER GARMENTS	✓* 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	✓*	✓*	✓*	✓*	
2801110	Portwest Modaflake Sock	✓*	✓*	✓*	✓*	
2801087	ProGARM Baselayer Top					✓
2801088	ProGARM Baselayer Leggings					✓

PPE	✓** Multiple options available, only one item of each product type needed.					
1302217	Clear Lens Safety Spectacles	✓	✓	✓	✓	
1209224	TPR Disposable Ear Plugs	✓	✓	✓	✓	
1010576	Arc Gloves	✓	✓	✓		
1010668	Arc Driver Gloves				✓	✓
2501459	CBRE FR Hi-Vis Vest	✓	✓	✓	✓	
1751941	ProGARM Balaclava	✓	✓	✓	✓	
1751943	ProGARM Snood					✓
8011933	CAT Charger Trainer S3	✓**	✓**			
8011932	CAT Charger Hiker S3	✓**	✓**			
8012133	Laces Safety Boot			✓	✓	
8012131	BOA Safety Boot			✓	✓	
8012132	BOA Safety Boot			✓	✓	
1103335	ProGARM 2696 36 CAL Arc Flash Safety Helmet			✓	✓**	
2801152	ProGARM 9501 ARC 4 Switching Hood				✓**	
1700160	ProGARM FR Kneepads					✓
2601319	ProGARM Belt					✓

CLOTHING	✓** Multiple options available, only one item of each product type needed.					
2801091	ProGARM 5280 Polo Shirt	✓**	✓			
2801082	ProGARM 5200 Polo Shirt			✓	✓	
2219973	100% Cotton SS Polo Shirt	✓**				
2219974	Ladies 100% Cotton SS Polo Shirt	✓**				
2219975	100% Cotton LS Polo Shirt	✓**				
2218278	100% Cotton Crew Neck Sweatshirt	✓**				
2801086	ProGARM 5630 Sweatshirt					✓
2221322	Mascot Accelerate Cotton Jacket	✓				
2801083	ProGARM 5850 Jacket			✓		
2204164	Mascot Accelerate Cotton Trousers	✓				
2801080	ProGARM 7638 Trouser		✓**	✓**	✓	
2801081	ProGARM 7720 Combat Trouser		✓**	✓**		
2801084	ProGARM 6458 Coverall			✓	✓	
2801085	ProGARM 9931 Softshell				✓	
2601318	ProGARM Detachable Holster Pocket					✓

Under Garments



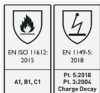


**ProGARM FR 8700
Mens Boxer Briefs**

2801089

The ProGARM® Men's FR AS Boxer Briefs offer lightweight, breathable protection with a secure, seamless fit. Ideal for high-risk industries, they meet BS EN 1149-5 and BS EN ISO 11612 safety standards for reliable Arc Flash protection.

Sizes: S to 3XL

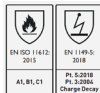


**ProGARM FR 8700
Womens Boxer Briefs**

2801103

The ProGARM® Ladies Boxer Briefs offer comfortable, breathable Arc Flash protection for female workers in high-risk industries. With seamless sides, mesh panels, and a secure fit, they ensure ease of movement while meeting key safety standards for heat, flame, and static protection.

Sizes: S to 3XL



**ProGARM FR 8770
Bra**

2601320

The ProGARM Flame Resistant Bra offers essential Arc Flash protection for female workers, combining comfort, support, and compliance with key safety standards. Designed for high-risk industries, it ensures a secure fit and can be paired with matching FR briefs for full protection.

Sizes: S to 2XL



**Portwest
Modaflame Sock**

2801110

The 28 cm Modaflame sock is flame resistant, anti-static, elasticated for comfort, with a seamless toe, two-tone design, retail tag, and CE certified to EN ISO 14116 and EN 1149-3.

Sizes: 6 to 13

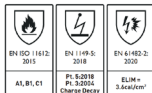


**ProGARM 8210
Baselayer Top**

2801087

The ProGARM 8210 Baselayer Top provides 3.6 cal Arc Flash protection with a soft, flame-resistant fabric, thumb holes, and a snug fit for comfort. Ideal for layering, it's certified to key safety standards and designed for high-risk work environments.

Sizes: S to 4XL

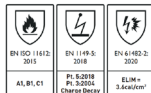


**ProGARM 8220
Baselayer Leggings**

2801088

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.

Sizes: S to 4XL



Personal Protective Equipment



Bollé Swift Glasses

1302217

The Bollé Swift Safety Glasses feature a recyclable, metal-free design with 31% recycled polycarbonate, PLATINUM Lite anti-scratch/anti-fog coating, and flexible temples for comfort and lateral protection.

Sizes: One Size



Easy Fit TPR Corded Ear Plugs

1209224

Reusable corded TPR ear plugs with soft double flanges for comfort and long wear. Ergonomic design allows easy insertion and removal, with each pair supplied in a hygienic storage container and blister pack. CE certified, CE-CAT III.

Sizes: One Size



ProGARM 2700 Arc Gloves

1010576

The Arc Cut D13 Level 2 glove offers ATPV 9.5 cal/cm² Arc Flash protection, Level D (ANSI A4) cut resistance, and excellent grip with a flame-resistant neoprene-coated palm. Its 13-gauge FR aramid liner ensures durability, dexterity, and comfort, making it ideal for high-risk tasks.

Sizes: M to 2XL



Endura Arc Flash Driver Gloves

1010668

These Arc Flash-rated goatskin driver gloves offer Level 3 Arc Flash protection, 360° ANSI A5 cut resistance, and reinforced back-of-hand impact protection. Featuring a Kevlar®/ composite filament lining, Oilbloc™ treatment, and padded palm, they resist oils, enhance durability, and reduce vibrations.

Sizes: One Size



CBRE Leo EcoViz LFS/AS Waistcoat

2218142

This hi-vis yellow EcoViz® vest offers EN 14116 flame resistance, EN 1149 anti-static protection, and Class 2 visibility. Made from recycled polyester with FR reflective tape, it features covered seams, a flame-retardant hook-and-loop fastening, and a higher neck with drop back for added protection. CBRE FR branding FLB & Rear.

Sizes: S to 6XL

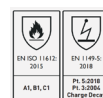


ProGARM Balaclava

1751941

ProGARM® introduces a new FR Balaclava, part of the Flame Resistant Baselayer range, ideal for wearing underneath the ProGARM® helmet or on its own, can be worn with 8300 Snood for extra neck protection.

Sizes: One Size

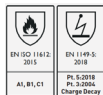




ProGARM Snood

1751943

The ProGARM® 8300 FR Snood provides versatile, certified neck protection for high-risk industries. Made from soft, stretchy fabric, it offers a secure fit and can be worn in multiple ways, including as a balaclava with the 8100.



Sizes: One Size



CAT Charger Trainer S3

8011933

The Charge S3 is a non-metallic, water-resistant ESD safety trainer with a composite toe and midsole, SRC slip-resistant rubber outsole, and energy-absorbing heel. It's antistatic, fuel and oil resistant, and heat resistant up to 300°C.

Sizes: 3 to 13



CAT Charger Hiker S3

8011932

The Charge S3 is a fully non-metallic, water-resistant ESD safety hiker with a composite toe, SRC slip-resistant rubber outsole, and anti-penetration midsole. It's antistatic, fuel and oil resistant, heat resistant to 300°C, and features an energy-absorbing heel for comfort and protection.

Sizes: 6 to 13



Laces Safety Boot

8012133

The Mascot F1300-902 Safety Boot has a composite toe, MASCOLAYER® protection, waterproof insulation, and a heat, slip, oil, and petrol-resistant sole with ladder grip for tough environments.

Sizes: 6.5 to 13



BOA Safety Boot

8012131

This safety boot features the BOA® Fit System, composite toe, MASCOLAYER® nail protection, and waterproof Thinsulate™ insulation. Its heat-, slip-, oil-, and petrol-resistant sole offers ladder grip, is self-cleaning and non-marking, with anti-static, shock-absorbing comfort for demanding work.

Sizes: 6.5 to 13



BOA Safety Boot

8012132

This safety boot features the BOA® Fit System, composite toe, MASCOLAYER® nail protection, and a TPU scuff cap. It includes waterproof Thinsulate™ insulation, a heat-, slip-, oil-, and petrol-resistant sole with ladder grip, and a self-cleaning, non-marking outsole for secure, comfortable performance in tough conditions.

Sizes: 6.5 to 13



ProGARM 2696 36 CAL Arc Flash Safety Helmet

1103335

The ProGARM® 36 CAL Arc Flash Helmet offers high-level protection against arc flash, impacts, and electric shock. Made from durable ABS, it features a 36 cal/cm² face shield, adjustable fit, and 4-point chin strap. Certified to ANSI and EN standards, with electrical protection up to 20kV.

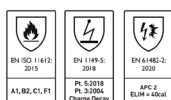
Sizes: One Size



ProGARM 9501 ARC 4 Switching Hood

TBC

Lightweight ABS Arc Flash hood with Dry-Tech sweatband, adjustable ratchet, and 40 cal anti-fog visor. Certified to EN 397, EN 50365, ANSI/ISEA Class 3, NFPA 70E, ASTM F2178, EN 166, and GS-ET-29 (APC 2).



Sizes: One Size



ProGARM FR Kneepads

1700160

The ProGARM FR Kneepad offers flame-resistant, gel-foam protection for high-risk industries, with EN ISO 11612 certification. Made from breathable, high-impact cellular foam, it ensures comfort, flexibility, and durability—wash-tested to ISO 15797 for long-lasting performance.

Sizes: One Size



ProGARM Belt

2601319

The ProGARM® 2400 FR Belt is a flame-resistant, EN ISO 11612-certified accessory designed for Arc Flash protection in high-risk industries. Made from durable materials with a strong PA 6.6 buckle, it offers a secure fit and is ideal for use with ProGARM® trousers.

Sizes: 30"/38" - 40"/48"

Clothing

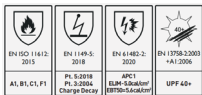




ProGARM 5280 Polo Shirt

2801091

The ProGARM 5280 Arc Polo Shirt provides 31 cal/cm² Class 2 protection, combining soft VXS+ fabric, FR poppers, and ribbed cuffs. Certified to key EN standards, it offers comfort, safety, and a smart, professional fit.



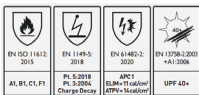
Sizes: S to 4XL



ProGARM 5200 Polo Shirt

2801082

The ProGARM 5200 Arc Polo Shirt offers 11 cal/cm² protection in soft, breathable VXS+ fabric. Featuring FR poppers, ribbed cuffs, and lasting flame resistance, it's certified to key EN standards for reliable comfort and safety.



Sizes: S to 4XL



100% Cotton SS Polo Shirt

2219973

This modern classic polo features soft ringspun piqué fabric, a reinforced two-button placket, ribbed collar and cuffs, and tone-on-tone buttons. Durable, comfortable, and ideal for printing.

Sizes: S to 5XL



Ladies 100% Cotton SS Polo Shirt

2219974

This modern classic polo features soft ringspun piqué fabric, a reinforced two-button placket, ribbed collar and cuffs, and tone-on-tone buttons. Durable, comfortable, and ideal for multiple uses and printing applications.

Sizes: XS to 3XL



100% Cotton LS Polo Shirt

2219975

This modern classic polo features soft ringspun piqué fabric, a reinforced two-button placket, ribbed collar and cuffs with elastane, and tone-on-tone buttons. Durable, comfortable, and ideal for versatile use and high-quality printing.

Sizes: S to 5XL



100% Cotton Crew Neck Sweatshirt

2218278

High quality, premium weight sweatshirt. Elasticated cuffs, neckline and waistband. Brushed fleece inner. Padded, taped neckline for comfort. Half moon yoke at neck. Set in sleeve styling. Ideal for corporate logos. Very comfortable to wear. Triple stitched on all main seams for ultimate strength.

Sizes: XS to 5XL



ProGARM 5630 Sweatshirt

2801086

The ProGARM Arc Sweatshirt offers Class 2, 31 cal/cm² protection when paired with the 5280 polo. Made from soft VXS+ fleece with ribbed trims and an arm pocket, it's certified to key EN standards for comfort, warmth, and flame resistance in high-risk industries.



Sizes: S to 4XL



Mascot Accelerate Cotton Jacket

2221322

The Mascot® ACCELERATE 20709-563 is a durable, stretch cotton jacket with a high collar, secure pockets, and elasticated cuffs and waist. Featuring reflective details, it's industrial-wash certified and OEKO-TEX® Standard 100 approved.

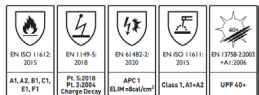
Sizes: S to 4XL



ProGARM 5850 Jacket

2801083

The ProGARM 5850 Arc Jacket offers Class 1, 9.5 cal/cm² protection in lightweight VXS+ fabric. Featuring a mandarin collar, reflective tape, multiple secure pockets, and stretch panels for comfort, it's certified to key EN standards, making it ideal for high-risk industries.



Sizes: S to 4XL



Mascot Accelerate Cotton Trousers

2204164

The Mascot® ACCELERATE 20779-563 trousers are made from stretch organic cotton with ergonomic legs, multiple functional pockets, and adjustable CORDURA® knee pad pockets. Industrial-washable and OEKO-TEX® certified for durability and comfort.

Sizes: 27" to 40.5"

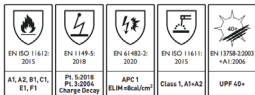


ProGARM 7638 Trouser

2801080

The ProGARM 7638 Arc Trouser provides Class 1, 8 cal/cm² protection in flame-resistant fabric. Certified to key EN standards, it features multiple secure pockets, kneepad compatibility, and reinforced seams for safety and durability in high-risk industries.

Sizes: 30" to 52"

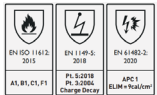


ProGARM 7720 Combat Trouser

2801081

The ProGARM® 7720 Combat Trouser offers 9 cal protection with durable, abrasion-tested fabric, multiple pockets, kneepad compatibility, and reinforced seams. Certified to key EN standards for high-risk industries.

Sizes: 30" to 52"





**ProGARM 6458
Coverall**

2801084

The ProGARM 6458 Linesman Arc Coverall offers 8 Cal ELIM protection in lightweight hi-vis fabric, with multiple pockets, kneepad compatibility, and stretch panels. Certified to key EN standards for high-risk work.

EN ISO 11612 2015	EN 1149-5 2018	EN 61482-2 2002	EN ISO 11611 2015	EN ISO 20471 2013	EN 12536-2005
A1, A2, B1, C1, E1, F1	PL S 2018 PL S 2018 Charge Discharge	APC1 ELIM+Realtime	Class 1, A1+A2	Class 3	UPP 60+

Sizes: S to 4XL



**ProGARM 9931
Softshell**

2801085

The ProGARM® 9931 Softshell Jacket provides 23 cal/cm² arc flash protection with a showerproof outer, warm fleece lining, stretch panels, and multiple secure pockets. Certified to key EN standards for high-risk industries.

EN ISO 11612 2015	EN 1149-5 2018	EN 61482-2 2002
A1, B1, C1, F1	PL S 2018 PL S 2018 Charge Discharge	APC2 ELIM+Realtime 2018+Realtime

Sizes: S to 4XL



**ProGARM Detachable
Holster Pocket**

2601318

The ProGARM 7721 Detachable Pocket, designed for the 7720 Combat Trousers, adds convenient tool storage for high-risk industries. Made from durable, protective materials, it's certified to EN 1149-5, EN 61482-2, and EN ISO 11612 for resistance to heat, flame, and static.

Sizes: One Size