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# ARC FLASH PROTECTION



## Arc Flash Protection

Arc flash is the light and heat produced as part of an arc fault, a type of electrical explosion or discharge that results from a connection through air to ground or another voltage phase in an electrical system. The results are often violent and when a human is in close proximity to the arc flash, serious injury and even death can occur. OSHA requires employers to perform a PPE hazard assessment to determine necessary PPE



43.0 cal/cm² ( Class 4 )

## 43.0 cal/cm² ( Class 4 ) Arc Flash Protection Kit

### (a) Flame Resistant Arc Suit Jacket and Bib Coverall

- Fabric : TenCate USA
- Tecasafe Plus 700A lined with Q8
- Sewn with flame and heat resistant thread
- Colour : Navy Blue
- ATPV Rating : 43.0 cal/cm²
- HRC's Level : 4
- Flame resistant reflective tape around sleeves
- Flame and resistant knit wristlet cuff

### (b) Arc Protection Glove

- Fabric : TenCate USA
- Tecasafe Plus 700A lined with Q8
- ATPV Rating : 43.0 cal/cm²
- HRC Level : 4 ( Double Layer )
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### (c) Arc Shield + Helmet With Hood

- Helmet Color : White (Top ) and Black (Bottom)
- Visor Color : UV Coated
- ATPV Rating : 43 cal/cm²
- Hood Color : Navy Blue
- HRC Level : 4
- Flame resistant reflective tape

### (d) Carry Bag

- High strength of nylon fabric
- Waterproof type
- Comes with handles and shoulder strap to carry

COLOR :





# Dielectric Insulating

Dielectric PPE has the ability to transmit electric force without conduction. There are essentially no metal parts found in this type product, a big deal for those working around electricity.

## INSULATING RUBBER GLOVE

rubber insulating gloves are produced from specially compounded latex that offers excellent dielectric properties combined with great flexibility, strength and durability. Meet the requirements of ASTM D120,NFPA 70E and EN 60903. **QUALITY SYSTEM**



Class	Test AC Volts	Use AC Volts	Use AC Volts
00	2,500	500	750
0	5,000	1,000	1,500
1	10,000	7,500	11,250
2	20,000	17,000	25,500
3	30,000	26,500	39,750
4	40,000	36,000	54,000

## Leather Protector



Leather Protectors are worn over Rubber Insulating Gloves to protect the gloves from any abrasions, cuts, tears and punctures that may occur when working.  
Material : Goat Skin  
Size: 10" , 12" & 13"



## INSULATING RUBBER BOOT

Specially handbuilt and tested individually to EN20345 and EN50321 Standards for working on low voltage installations. Offering a high level of protection, the boots easily lock foot placement when climbing ladder or poles.

### FEATURES :

- EN ISO 20345 : 2004
- Steel Toe Cap Protection
- 5000 Volts tested, 1000 Volts working
- Electric Shock Resistant Outsole up to 18kV
- Heat and Oil Resistant Anti-Slip Sole
- Ozone & UV Resistant Upper
- Heel Energy Absorbing Sole Construction
- PE Lining for Extra Durability



## Rubber Insulating Blanket



Class 4



Rubber Insulating Blanket is designed to protect personnel equipment and work areas from electrical hazard such as line maintenance. The blanket is manufactured in conformance to ASTM D1048.



## Rescue Hook

Rescue pole with only one section made of polyester and fibreglass tube Ø 32 mm with humidity-proof seals on each end, hand protector, grip, tip, M-10 metric head and rescue hook. Used to remove the casualty from the danger area in rescue operations

- 45 KV
- Length : 1.79 mtr

