

ARC FLASH & DIELECTRIC PROTECTION



HAZARD
CONTROL

Arc flash kit is used for protection against arc flash incidents, which are high-energy electrical discharges that can cause serious injury or even death. The kit typically includes personal protective equipment (PPE) such as flame-resistant clothing, face shields, gloves, and other gear designed to shield individuals from the thermal energy released during an arc flash event. It is crucial for workers in industries where they may be exposed to electrical hazards to wear arc flash kits to minimize the risks associated with arc flashes.

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
- Color : 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)

(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

COLOR :



NAVY BLUE



43.0 cal/cm² (Class 4)

(d) Carry Bag

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



ARC FLASH VISOR

Standards :

EN 166 ANSI Z87.1 ASTM F2178

ATPV 11 cal/cm²

Thickness : 1.5 mm

Color : Light Gray

Material : Polycarbonate

Size : 8" x 19" (20 cm x 48.5 cm)

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



Rescue Hook FS045/PV

High insulating rods made by polyester resin reinforced by fiberglass tube with steel hook cover by plastic sheath.

- Operating : 45 KV
- Length : 1.65m
- External diameter 32mm
- Fabric bag for storage
- IEC STANDARD 61235

Rubber Insulating Blanket

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.



Class 4