

ArcGear - 25 cal/cm² - Hazard Risk Category 3 Double-Layer INDURA® Ultra Soft™ Construction (ACTUAL ATPV 27.2)

Our higher level protective garments for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, **the user must determine his or her level of exposure.** ArcGear CERTIFICATION: All materials, designs and findings meet the FULL requirements of NFPA 70E Edition Standard, 1910.269 CFR, ASTM F 1506 and ASTM F 2178.

Protective Garment System Options Include:

HOOD and JACKET with OVER PANTS or BIB OVERALLS
HOOD and COAT with LEGGINGS

WARNING:
Once a garment has been exposed to an arc flash, it must be removed from service.



Hazard Risk Category	Clothing Description (Typical number of clothing layers is given in parenthesis)	Required Minimum Arc Rating of PPE [J/cm ² (cal/cm ²)]
0	Non-melting, flammable materials (i.e., untreated cotton, wool, rayon, or silk, or blends of these materials) with a fabric weight at least 4.5 oz/yd ² (1)	N/A
1	FR shirt and FR pants or FR coverall (1)	16.74 (4)
2	Cotton underwear - conventional short sleeve and brief/shorts, plus FR shirt and FR pants (1 and 2)	33.47 (8)
3	Cotton underwear plus FR shirt and FR pants plus FR coverall, or cotton underwear plus two FR coveralls (2 or 3)	104.6 (25)
4	Cotton underwear plus FR shirt and FR pants plus multilayer flash suit (3 or more)	176.36 (40)



NFPA 70E REQUIRES ENTIRE BODY TO BE EQUALLY COVERED.
WITH HOOD AND LONG COAT OPTION, PROTECTIVE LEGGINGS MUST BE WORN.

2004 Edition - NFPA 70E 130.7(C)(11)

(11) Protective Clothing Characteristics. Table 130.7(C)(11) lists examples of protective clothing systems and typical characteristics including the degree of protection for various clothing. The protective clothing selected for the corresponding hazard/risk category number shall have an arc rating of at least the value listed in the last column of Table 130.7(C)(11).

- AG25H** - Hood w/Hard Cap - Tinted Lens - **STOCK**
- AG25H-A** - Hood w/Cooling System - Hard Cap - Tinted Lens - **STOCK**
- AG25H-L** - Hood w/Lamp - Hard Cap - Tinted Lens
- AG25H-AL** - Hood w/Cooling System - Lamp - Hard Cap - Tinted Lens
- AG25LENS** - Replacement Tinted Lens - **STOCK**
- AG25C-35** - 35" length Jacket-SIZE: Small thru 6XL - **STOCK: MD thru 2XL**
- AG25C-50** - 50" length Coat-SIZE: Small thru 6XL - **STOCK: MD thru 2XL**
- AG25C-55** - 55" length Coat-SIZE: Small thru 6XL
- AG25P** - Overpant (suspenders included)-SIZE: Small thru 6XL - **STOCK: MD thru 2XL**
- AG25B** - Bib Overall-SIZE: Small thru 4XL - **STOCK: MD thru 2XL**
- AG25L** - Legging-SIZE: Large thru 2XL - **STOCK: LG**

Protective Hood Options for 25, 40, 50 & 65 cal/cm² Systems

- Replaceable tinted lens with anti-fog coating
- Lens meets ANSI Z87.1
- Dielectric hard cap included

U.S. Patent Confirmed #7,357,135



Hood with Cooling System

Hood may be used WITH or WITHOUT the cooling system



Patented Cooling System battery powered (8 'AA' batteries included) produces 80 cfm of air, for comfort in hot environments, decreases fogging of lens

Hood with Lamp & Cooling System



Battery operated headlamp attaches to front crown of hood with VELCRO® (Batteries Included)



Hood with Detachable Lamp

REPLACEABLE LENS **STOCK**
available with anti-fog coating for all hoods

LENS Cleaning and Maintenance Instructions

Clean and inspect before and after use. Clean with a damp cloth unless heavily soiled. Should further cleaning be required, clean with mild soap and water, pat dry. Disassemble if required, for cleaning or inspection.