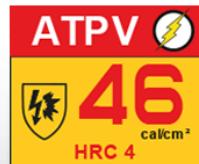


ELECTPRO® ARCSHIELD 46 High Level Lineman Electric Arc Flash Protective Hood (46 ATPV)

The ELECTPRO® ArcShield 46 is a specially designed operator hood and suit system that provides superior protection against **high-energy arc flash incidents**, heat, pressure, and molten particles.



This three-piece set, consisting of a **jacket**, **trousers**, and **protective hood**, offers comprehensive coverage for the user. Classified as **Personal Protective Equipment (PPE)** under (EU) 2016/425, this suit is manufactured in compliance with the **EN IEC 62819:2023** European standard and is **CE certified**.



Standards



CE



Category III



EN IEC 62819: 2023 Class 2

TECHNICAL DETAILS

Certified Safety

Protection compliant with EN IEC 62819 (Class 2) and IEC/EN 61482-1-1 (ATPV 46 cal/cm²).

The protective hood is certified according to the EN IEC 62819 standard.

Construction

- **Outer Fabric:** Manufactured from a special blend of high-performance fibers, including Cotton, High Tenacity Nylon, and Polyester/Carbon Bicomponent Fiber. This combination offers superior heat and flame resistance, mechanical strength, and antistatic properties.
- **Inner Layer:** Made from a specialized mix of high-performance fibers such as Cotton, High Tenacity Nylon, and Polyester/Carbon Bicomponent Fiber, providing excellent thermal protection, durability, and antistatic performance.

Protective Hood:

The hood is designed with an extended length to cover the shoulders, providing robust protection against high-energy electric arc flashes. The layering system of the hood offers an ATPV rating of 46 cal/cm².

- **ATPV:** 46 cal/cm²
- **Material:** Polycarbonate
- **Color:** Green
- **Standards:** EN ISO 16321-1: 2022, EN 166:2002-04, EN 170:2003-01, GS-ET-29:2019-06, GS 2019:01, 46 cal/cm²

Applications

- Medium and High Voltage Transformer Stations
- Switchgear Facilities
- High Voltage Oil Circuit Breaker Areas
- Electric Power Generation and Distribution Plants

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