

## 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

	<ul style="list-style-type: none"><li>• <b>Outer Fabric:</b> 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.</li><li>• <b>Inner Layer:</b> 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.</li></ul>
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## Protective Hood:

<p>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 <b>ATPV rating of 46 cal/cm²</b>.</p> <ul style="list-style-type: none"><li>• <b>ATPV:</b> 46 cal/cm²</li><li>• <b>Material:</b> Polycarbonate</li><li>• <b>Color:</b> Green</li><li>• <b>Standards:</b> EN ISO 16321-1: 2022, EN 166:2002-04, EN 170:2003-01, GS-ET-29:2019-06, GS 2019:01, 46 cal/cm²</li></ul>	
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## 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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