ELECTPRO® ARCSHIELD 46 ARC FLASH PROTECTIVE SUIT - Jacket & Pants

Article Number: 13513126

Where Maximum Safety Meets Comfort!

Meet the **ELECTPRO® ArcShield 46 Arc Flash Suit**, engineered to provide protection against electric arcs, heat, and flames, along with high visibility and antistatic properties. This two-piece suit is designed to deliver superior performance and safety in the most demanding work environments.

Key Features

Heat and Flame Resistance: Offers effective protection against high temperatures and flames.

Protection Against Electric Arcs: Shields your body from the adverse effects of heat, pressure, and molten particles resulting from electric arcs.

Antistatic Feature: Prevents the buildup of static electricity, creating a safer working environment.

Ergonomic Design: Provides comfortable movement with an ergonomic structure compliant with **EN ISO 13688**standards.

Double Layer Structure: Designed with a two-layer fabric for superior protection against electric arc.

Standards

CE

Category III

EN 61482-2:2020

EN ISO 13688:2013+EN ISO 13688:2013/A1:2021

TECHNICAL DETAILS

Layered System

- **Outer Layer:** It is produced from a special blend of high-performance fibers such as Cotton, High Tenacity Nylon, and Polyester/Carbon Bicomponent Fiber. This combination provides excellent heat and flame resistance, mechanical strength, and antistatic properties.
- **Inner Layer:** It is produced from a special blend of high-performance fibers such as Cotton, High Tenacity Nylon, and Polyester/Carbon Bicomponent Fiber. This combination provides excellent heat and flame resistance, mechanical strength, and antistatic properties.

Design Options

Jacket and trousers or long jacket (overcoat) and trousers options are available; you can choose according to your preferences.

Certifications and Standards

- **CE Certification:** Holds an EU Type Examination Certificate according to **(EU) 2016/425 PPE regulation** and carries the CE mark.
- **IEC 61482-2:** Provides protection against electric arcs according to European standards.
- **EN 61482-1-2:** Arc protection level **Class 2 (7kA)**.
- **EN IEC 61482-1-1:** ATPV value of **46 cal/cm²**.
- **EN ISO 13688:** Meets ergonomic and design requirements.

General Features

- **Comfortable Fabric:** With its durable and flexible structure, this fabric combines the strength of Cotton and High Tenacity Nylon with the antistatic properties of polyester/carbon components, providing comfort and protection during extended use.
- **High-Quality Fastenings:** Equipped with flame-resistant black textile zippers (Velcro) and FR-type nylon tooth zippers.
- **Durable Stitching:** Stitched with 100% Aramid threads for enhanced durability and protection.
- **Enhanced Protection:** Front flap over the zipper prevents flame ingress, providing superior protection.
- **Adjustable Cuffs:** Sleeves are fitted with FR textile Velcro cuffs, allowing you to adjust the fit around your wrists for added comfort and safety.

Why Choose ELECTPRO® ARCSHIELD 46?

The ELECTPRO® ARCSHIELD 46 is the perfect solution for professionals working in the electrical industry. Crafted with high-quality materials and advanced technology, it offers maximum protection and comfort even in the most challenging work environments. Its antistatic and high-visibility features elevate your safety to the next level.

Applications

- Electrical distribution and transmission lines
- Industrial facilities
- Emergency response teams
- High-risk work environments

For Orders and Information

Your safety is paramount, so selecting the correct size and using appropriate accessories is essential. For detailed information and to place an order, please **contact us**.

Stay Safe and Work Comfortably with ELECTPRO®!

İvedik OSB Mh. 2269. Cd. No:42 PK.06374 Yenimahalle /ANKARA
0312 384 13 00
info@ist.com.tr