ELECTPRO® G2L ARC/A Coat/Trousers

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Where Ultimate Safety Meets Unmatched Comfort!

Introducing the **ELECTPRO® ARC Protective Suit (G2L ARC/A)**—a two-piece jacket and pants ensemble designed to provide exceptional protection against electric arcs, heat, and flames. With antistatic properties and certified performance, this suit is the ideal choice for professionals working in high-risk environments.

Key Features

Heat and Flame Resistance: Offers effective protection against high temperatures and flames, ensuring your safety in hazardous conditions.

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

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

Ergonomic Design: Provides comfortable movement with an ergonomic structure, allowing for extended wear without discomfort.

Double-Layered Construction: Designed with two layers of fabric for enhanced protection against electric arcs.

Standards

CE	Category III	EN 1149-5:2018	IEC/EN 61482-2 Level 2 (7kA)	EN ISO 11612:2015 A1+A2 B1 C1 F2	EN ISO 13688:2013 + EN ISO 13688/A1:2021



EN 17353:2020 Type

AB2

TECHNICAL DETAILS

Fabric Composition

- **Outer Fabric:** Crafted from a special blend of high-performance fibers including **Lenzing™FR**, **Aramid**, **Polyamide**, and **Belltron®**. This combination delivers superior heat and flame resistance, mechanical strength, and antistatic properties.
- **Inner Lining:** Constructed with **Lenzing™FR**, **Teijinconex®**, **Twaron®**, and antistatic fibers. This layer adds extra comfort and protection, making it suitable for prolonged use.

Design Options

- Available in **Jacket and Pants** or **Coat and Pants** combinations to suit your preferences.

Certifications and Standards

- **CE Certification:** Complies with the **(EU) 2016/425 Personal Protective Equipment Regulation** and holds the mandatory EU Type Examination Certificate. Carries the CE mark.
- **IEC 61482-2 Certified:** Meets European standards for protection against electric arcs.
- **IEC / EN 61482-1-2:** Demonstrates performance at **Class 2 (7kA)** level.
- **EN ISO 11612:** Offers heat and flame protection with performance classes **A1, A2, B1, C1, F1**.
- **Antistatic Compliance:** Meets **EN 1149-5** standards for antistatic properties.
- **Ergonomic Standards:** Designed according to **EN ISO 13688** for optimal comfort and fit.

Performance Levels

- **Limited Flame Spread (EN ISO 15025):** A1, A2
- **Convective Heat (ISO 9151):** B1
- **Radiant Heat (EN ISO 6942):** C1
- **Contact Heat (ISO 12127):** F1

General Features

- **Comfortable Fabric:** Made with a thin and soft-touch fabric enriched with viscose, offering exceptional comfort during wear.
- **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.

- **Reflective Safety Strips:** Features a single row of 5 cm flame-retardant reflective tape on the chest, back, arms, and pants (available in yellow-gray-yellow or red-gray-red) for increased visibility.
- **Enhanced Protection:** Front flap over the zipper prevents flame ingress, providing superior protection.
- **Customizable Pockets:** Comes with three pockets on the pants and three on the jacket/coat; the number of pockets can be adjusted according to your needs.
- **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® ARC Protective Suit (G2L ARC/A)?

The ELECTPRO® ARC Protective Suit (G2L ARC/A) is specifically engineered for professionals in the electrical industry and other high-risk sectors. Its high-quality materials and advanced technology offer maximum protection and comfort, even in the most challenging work environments. The antistatic features and ergonomic design elevate your safety and ease of movement, ensuring you can focus on the task at hand.

Applications

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

Sizing Information

ELECTPRO BODY SIZES					
SIZE	**PERSON LENGHT (CM)**	**PERSON CHEST SIZE (CM)**	**PERSON WAIST SIZE (CM)**	**JACKET LENGHT (CM)**	**JACKET LENGHT FOR ARC SUIT (CM)**
S 46/48	**164-170**	**88-96**	**62-72**	**83**	**93**
M 50/52	**170-176**	**96-104**	**72-82**	**83**	**93**
L 54/56	**176-182**	**104-112**	**82-92**	**85**	**95**
XL 58/60	**182-188**	**112-120**	**92-102**	**85**	**95**

XXL 62/64	**188-192**	**120-128**	**102-112**	**87**	**97**
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