

ELECTPRO® MULTICOAT 40 B3 COAT

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Where Ultimate Protection Meets Superior Comfort!

Introducing the **ELECTPRO® MULTICOAT 40 B3 Coat**—a high-performance garment designed to offer exceptional protection against electric arcs, heat, and flames. With high visibility and antistatic properties, this coat is engineered to safeguard the user's torso and upper limbs from the adverse effects of electric arcs such as heat, light, pressure, and molten particles. Ideal for professionals working in demanding environments, this coat combines safety and comfort without compromise.

Key Features:

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

Protection Against Electric Arcs: Shields your body from the thermal hazards of electric arcs.

High Visibility: Ensures you're noticed in all conditions with yellow-gray-yellow flame-resistant reflective strips.

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.



Standards



EN 17353 2020 TYPE

B3



CE



Category III



EN ISO 13688:2013



EN 1149-5:2018



IEC 61482-1-1

ATPV=40 cal/cm²



EN ISO 11612:2015 A1

B2 C2 F3

TECHNICAL DETAILS

Layered System

The **MULTICOAT 40 B3 Coat** is constructed with four main layers for maximum protection:

- **Outer Layer:** Utilizes a special blend of high-tech fibers including **Teijinconex®**, **Lenzing™FR**, **PES**, and **Beltron®**. These fibers provide superior heat and flame resistance, mechanical strength, and antistatic properties.
- **Moisture Barrier:** a blend of **PES FR** and **breathable PU**.
- **Thermal Barrier:** Consists of **Non-woven Aramid** for superior heat insulation.
- **Inner Lining:** A blend of **Kermel®** and **Lenzing™FR** for added comfort.

Reflective Strips

- **50mm wide grey flame-resistant reflective tape** enhances visibility and safety in low-light and medium-risk situations.

Certifications and Standards

CE Certification: Holds an EU Type Examination Certificate according to **(EU) 2016/425 PPE Regulation** and carries the CE mark.

EN ISO 11612: Certified for protection against heat and flame with performance levels:

- **A1:** Limited Flame Spread
- **B2:** Convective Heat
- **C2:** Radiant Heat
- **F3:** Contact Heat

EN IEC 61482-1-1: Provides protection against electric arcs with an **ATPV value of 40 cal/cm²**.

EN 1149-5: Exhibits antistatic properties for enhanced safety.

EN 17353: Classified as **Type B3** for enhanced visibility equipment suitable for medium-risk situations.

EN ISO 13688: Meets general requirements for ergonomics and design.

Performance Levels (EN ISO 11612)

- **Limited Flame Spread (EN ISO 15025): A1**
- **Convective Heat (EN ISO 9151): B2**
- **Radiant Heat (EN ISO 6942): C2**
- **Contact Heat (EN ISO 12127): F3**

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 and arms (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.
- **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® MULTICOAT 40 B3?

The **ELECTPRO® MULTICOAT 40 B3 Coat** is the ultimate solution for professionals who require maximum protection without sacrificing comfort. Crafted with advanced materials and cutting-edge technology, this coat offers unparalleled defense against multiple hazards:

- **Multi-Hazard Protection:** Simultaneously guards against electric arcs, heat, flames, and static electricity.
- **Enhanced Comfort:** The four-layer system provides thermal insulation while remaining breathable, allowing for extended wear in various conditions.
- **High Visibility:** Designed for low-visibility, medium-risk situations, ensuring that you are seen and safe at all times.
- **Durability:** High-quality construction and materials ensure long-lasting performance even in the most demanding environments.

Applications

- Electrical distribution and transmission lines
- Industrial facilities
- Emergency response teams
- Mining and petrochemical industries
- High-risk work environments requiring enhanced visibility

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® MULTICOAT 40 B3!

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**Belltron® is a registered trademark of Swicofil AG.*

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