FYRAL® 900 DF Comfort Aluminized Protective Suit Against Heat, Flame, and Molten Metal Splashes

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Next-Generation Protective Clothing Offering Superior Protection and Comfort Against Radiant Heat

The front side of the garment is made of aluminized viscose fabric, providing maximum protection against the hazards of radiant heat. The back side, on the other hand, is designed with breathable, high-performance protective fibers, ensuring extra comfort during prolonged use and enhancing your work efficiency. An innovative design created with your safety and comfort in mind for demanding working conditions!

FYRAL® 900 DF Comfort Aluminized Protective Suit is designed to combine safety and comfort in challenging industrial environments. It provides professional-grade protection against high heat, molten metal splashes and the harmful effects of radiant heat. Manufactured in compliance with European standards, this garment ensures the best in both performance and comfort.

Key Features:

Radiant Heat and Molten Metal Protection: Protects the body, arms, and legs against high heat, flames, and molten metal splashes.

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

Antistatic Properties: Creates a safer working environment by preventing the accumulation of static electricity.

Comfortable Use: Single-layer design with a jacket-and-pants configuration, lightweight and easy to use.

Standards

EN ISO 11612:2015

CE

Category III

EN 1149-5:2018

TECHNICAL DETAILS

Front Side: Made of aluminized viscose fabric, offering high resistance to heat and excellent heat reflectivity.

Back Side: This high-tech fabric combines viscose FR, wool, polyamide, para-aramid, and antistatic fibers, providing superior heat resistance, comfort, durability, and antistatic properties.

Design: Produced in a jacket-and-pants.

Performance Levels (EN ISO 11612)

Front Side Performance Levels:

- Limited Flame Spread (EN ISO 15025): A1
- Convective Heat (EN ISO 9151): B1
- Radiant Heat (EN ISO 6942): C3
- Molten Aluminum Splash (EN ISO 9185): D2
- Molten Iron Splash (EN ISO 9185): E3
- Contact Heat (EN ISO 12127): F1

Back Side Performance Levels:

- Limited Flame Spread (EN ISO 15025): A1
- Convective Heat (EN ISO 9151): B1
- Radiant Heat (EN ISO 6942): C1
- Molten Aluminum Splash (EN ISO 9185): D3
- Molten Iron Splash (EN ISO 9185): E3
- Contact Heat (EN ISO 12127): F1

Certifications and Standards

- **CE Certification:** Is certified with 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 flames with the following performance levels:

Front Side:

- A1: Limited Flame Spread
- B1: Convective Heat
- C3: Radiant Heat
- D2: Molten Aluminum Splash
- E3: Molten Iron Splash
- F1: Contact Heat

Back Side:

- A1: Limited Flame Spread
- B1: Convective Heat
- C1: Radiant Heat
- D3: Molten Aluminum Splash

- E3: Molten Iron Splash
- F1: Contact Heat
- **EN ISO 11611:2015 (A1):** Provides high protection against burns and hot metal splashes during welding and similar processes.
- **EN 1149-5:** Features antistatic properties for enhanced safety.

General Features

- **Comfortable Fabric:** Thin and soft fabric ensures superior wear comfort, thanks to its viscose content.
- **High-Quality Fastenings:** Equipped with flame-resistant black textile zippers (Velcro) and FR-type 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.

Applications

- Metallurgical plants and foundries
- Petrochemical industries
- Industrial maintenance and repair teams
- Power generation plants

Why **Choose** FYRAL® 900 DF Comfort?

The FYRAL® 900 DF Comfort Aluminized Protective Suit is the ideal choice for professionals requiring high protection in demanding industrial environments. Its advanced material technology and ergonomic design offer superior protection against multiple hazards:

- **Multi-Hazard Protection:** Simultaneously shields against high heat, flames, molten metal splashes, and radiant heat.
- **Enhanced Comfort:** The layers containing Viscose FR and Para-aramid provide both comfort and safety during extended use in harsh conditions.
- **Ergonomic Design:** Lightweight and practical structure ensures maximum freedom of movement for industrial applications.
- **Durability and Longevity:** Aluminized viscose FR and high-performance fabrics deliver robust resistance to wear and tear under tough conditions.
- **High Protection Levels:** Certified under standards like EN ISO 11612 and EN ISO 15025 for maximum protection against flames, heat, and molten metal splashes.