🔥 MOLTEN HERO EXTREME – Ultimate Heat Protection Coat

Category: Molten Metal & Radiant Heat Resistant Coat
Product Type: High-performance Protective Coat
Total Fabric Weight: 615 g/m^2

🔧 Product Description

The **MOLTEN HERO EXTREME** is a premium multilayer protective coat developed for **extreme thermal and radiant heat exposure**.
Its advanced structure combines:

- **Outer layer:** *Marlan Plus 350*
- **Inner layer:** *150 g/m^2 meta-aramid*
- **Insulation:** *high-temperature barrier padding*

This system ensures **maximum protection against molten metal splashes, direct flame, and radiant heat**, while maintaining **excellent mobility and wearer comfort**.

⚙️ Technical Specifications

Feature	Description
Fabric weight	615 g/m^2 (multilayer system)
Structure	Marlan Plus 350 + Meta-aramid + Thermal insulation layers
Ergonomics	Designed for freedom of movement and long-term comfort
Color fastness	EN ISO 105-X12 / E04 / C06 compliant
Thermal insulation	Low heat transfer – stable body temperature under load

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🧯 Standards & Protection Levels

Standard	Rating / Description
EN ISO 11612	A1 A2 B1 C2 D3 E3 F1 – protection from heat, flame, radiant heat & molten metal
EN ISO 11611	A1 A2 – Class 2 – for welding and related hot-work operations

Standard	Rating / Description
EN 17353	Type B2 – visibility under low-light conditions
EN ISO 105-X12 / E04 / C06	Color fastness to washing, sweat, and abrasion

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💡 Application Areas

- Metal melting and casting operations
- Foundries and smelting plants
- Glass manufacturing facilities
- High-temperature industrial maintenance zones

🌟 Key Advantages

- 🔸 Maximum protection under D3 & E3 classification
- 🔸 Excellent radiant heat resistance
- 🔸 Ergonomic design – allows full movement freedom
- 🔸 Breathable multilayer system for long shifts
- 🔸 High mechanical durability and seam integrity

🏁 Conclusion

MOLTEN HERO EXTREME withstands **radiant and contact heat up to 600°C** and provides complete defense against molten metal splashes — the perfect choice for demanding industrial operations.

“Extreme heat. Extreme protection.”
Reliability and safety for those who work closest to the fire.