

POLYTECH SERIES

POLYTECH PLUS HV trousers

MC5831

MATERIALS

Outer: 65% Lenzing® FR viscose, 22% aramid, 12% polyamide, 1% dissipative fiber. Inner: 64% Lenzing® FR viscose, 35% aramid, 1% dissipative fiber.

GRAMMAGE

Laminated outer 250 g/m², inner 150 g/m²

FEATURES

The Polytech Plus series is certified for electric arc in Class 2 and, thanks to the LENZING™ FR fabric combined with other high-performance fibers, guarantees inherently flame-retardant protection. The fabric is also biodegradable and compostable. The NAQUA eco-finish treatment offers high performance in terms of water repellency. The finish is up to three times more durable than other non-fluorinated repellents. Work trousers made from inherently flame-retardant multi-purpose fabric, designed to ensure maximum safety for those working in high-risk environments where exposure to multiple hazards is constant. They offer integrated protection from flames, convective, radiant, and contact heat, as well as from small splashes of molten metal. The garment also guarantees protection against limited splashes of liquid chemicals. Certified Class 3 for high visibility, the garment ensures the highest level of visibility in daylight and nighttime conditions, even in the presence of artificial lighting such as vehicle headlights. The main component, Lenzing™ FR – an inherently flame-resistant flame-retardant viscose – guarantees comfort, breathability, and thermal protection; the fabric is designed to ensure high mechanical resistance, and the composition and structure of the fibers ensure superior long-term durability. The double-layered fabric construction, on both sides of the garment, contributes to uniform and complete protection against heat generated by electric arc, containing the released energy up to 7 kA. The antistatic properties of the fabric complete the garment's safety profile. The 6 pockets make it extremely functional and practical, allowing essential tools and items to always be within reach during work. The shaped anti-wear reinforcement at the knee offers additional protection in areas subject to greater stress. Reflective bands sewn onto the trousers help increase



operator visibility, improving safety during work activities.

DETAILS

- 2 side pockets closed with flap and velcro, to ensure quick and convenient access to smaller items;
- 2 technical pockets closed with flap and velcro, one of which with a cell phone holder and pen holder, allow for storing bulkier items without the risk of them falling out;
- 2 back pockets with flap and velcro;
- Shaped anti-wear knee reinforcement, designed for enhanced durability and resistance;
- Double stitching in areas most subject to stress and wear, to ensure greater strength and durability.

CLOSING

Zip and button.

REFLEX

Double reflective bands

IMPORTANT

The trousers are certified in combination with the Polytech Plus HV jacket MC5834.

AVAILABLE COLOURS

 EG - Hi-vis yellow/blue

SIZES

	In stock
	On production
	Made to order
	Tailor made

FIELDS OF USE

- > Construction - road works
- > Chemical-pharmaceutical industry
- > Petrochemical industry
- > Logistics
- > Tertiary - trades

MAINTENANCE

Please follow the recommended washing instructions.



QUANTITY PER CARTON

20

CATEGORY

III -> This product is currently planned and produced to comply with Regulation (EU) 2016/425 and subsequent modifications.