

POLYTECH SERIES

**POLYTECH STRETCH trousers**

**MC574202**

**MATERIALS**

74% cotton, 22% polyester, 3% elastane and 1% conductive fiber. Contrast fabric in 75% cotton, 24% polyester and 1% conductive fiber.

**GRAMMAGE**

280 g/m<sup>2</sup>

**FEATURES**

Work trousers made from a multi-purpose fabric with flame-retardant treatment, designed to ensure maximum safety for those working in high-risk environments where exposure to multiple hazards is constant. They offer integrated protection against flames, convective, radiant, and contact heat, as well as against small splashes of molten metal. The garment also guarantees protection against limited splashes of liquid chemicals. Antistatic properties and effectiveness in containing energy released by an electric arc up to 4 kA complete the trousers' safety profile. The high percentage of cotton, combined with technical fibers, perfectly balances protection and comfort, making the garment soft and breathable without compromising robustness and mechanical resistance. The stretch fabric, combined with the elastic waistband, promotes the operator's freedom of movement, allowing for dynamic postures during work activities. The 5 pockets make them extremely functional and practical, allowing essential tools and objects to always be within reach during work. Pre-shaped legs further improve the garment's ergonomics, adapting to the body's morphology and natural movements. Reinforced seams ensure greater mechanical resistance and durability over time, making the garment reliable even under intensive use conditions. Reinforcement bar tacks, applied at points subject to greater stress, increase the garment's resistance and enhance its aesthetic finish. High-visibility contrasting yellow inserts complete the modern design and contribute to increasing operator safety in environments characterized by poor lighting or reduced visibility.



**DETAILS**

- 2 side pockets, closed with a contrasting flap and velcro, to ensure quick and easy access to smaller items;
- Three-dimensional technical pocket on the left leg, closed with a flap and velcro, allowing bulkier items to be stored without the risk of them falling out;
- Ruler pocket on the right leg, closed with a flap and velcro;
- Back pocket, closed with a contrasting flap and velcro;
- \* Pre-shaped legs offer a comfortable fit for the wearer;
- Back elasticated waistband allows maximum freedom of movement without restrictions;
- Reinforcement bartacks, applied in areas subject to tension or stress to increase the garment's durability and improve its aesthetics.
- Double stitching in areas most subject to stress and wear, to ensure greater strength and durability.

**CLOSING**

Zip and button.

**IMPORTANT**

The trousers are certified in combination with the Polytech Stretch jacket MC5744.

**AVAILABLE COLOURS**

- QN - Blue/hi-vis yellow

**SIZES**

38	40	42	44	46
48	50	52	54	56
58	60	62	64	66
68	70	SM		

- 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.

# TECHNICAL SHEET

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### CERTIFICATIONS AND STANDARDS



**ELECTROSTATIC PROPERTIES**  
**EN 1149-5**



**FLAME RESISTANCE**  
**EN ISO 11611**  
Class: 1  
Values: A1+A2



**HEAT AND FLAME**  
**EN ISO 11612**



**CHEMICAL PROTECTION TYPE 6**  
**EN 13034**



**ELECTRIC ARC HEAT**  
**CEI EN 61482-2**  
APC: 1  
ATPV (Fabric): 11 cal/cm<sup>2</sup>  
ELIM (Fabric): 9 cal/cm<sup>2</sup>



**The main external fabric is**  
**OEKO-TEX® Standard 100**  
**certified**