TECHNICAL SHEET

POLYTECH SERIES

POLYTECH STRETCH jacket

MC5744QN

MATERIALS

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

WEIGHT

280 g/m²

FEATURES

Work jacket made of versatile fabric, with flame-retardant treatment, designed to ensure maximum safety for those working in high-risk environments where exposure to multiple hazards is constant. It offers 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. Antistatic properties and effectiveness in containing energy released by electric arc up to 4 kA complete the jacket's safety profile. The high percentage of cotton, combined with technical fibers, helps to perfectly balance protection and comfort, making the garment soft and breathable without compromising robustness and mechanical resistance. The stretch fabric promotes the operator's freedom of movement, allowing for dynamic postures during work activities. Reinforcement bartacks, applied at points subject to greater stress, increase the garment's resistance and enhance its aesthetic finish. The mandarin collar, free of points or protruding flaps, effectively protects the cervical area from heat, splashes, and external agents, while reducing the risk of entanglement in machinery or equipment. The 2 chest pockets make it functional and practical, allowing essential tools and items to always be within reach during work. The elasticated cuffs ensure a snug fit at the wrist, preventing the entry of dust, debris, splashes, and chemical agents into the sleeve. 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

- Mandarin collar with velcro closure, effectively protects the neck area from potentially harmful external agents;
- Two chest pockets with contrasting color flap and velcro, to ensure quick and convenient access to smaller items;
- Gas detector loop on the right, allows for secure and easily accessible attachment of the device;
- Elasticated cuffs, prevent the entry of dust, debris, splashes, or chemical agents inside the sleeve;
- Reinforcement bartacks, applied in areas subject to tension or pulling to increase the garment's durability and improve its aesthetics.
- Double stitching in areas most subject to stress and wear, to ensure greater resistance and durability.

CLOSING

Zip covered by a Velcro-fastened flap.

REFLEX

Reflective inserts on the chest and elbows.

IMPORTANT

The jacket is certified in combination with the Polytech Stretch trousers MC5742.

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

> CHEMICAL-PHARMACEUTICAL INDUSTRY

> LIGHT INDUSTRY

> HEAVY INDUSTRY

> PETROCHEMICAL INDUSTRY

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.

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CERTIFICATIONS AND STANDARDS



ELECTROSTATIC PROPERTIES

EN 1149-5



WELDING OPERATIONS

EN ISO 11611

Class: 1
Values: A1+A2



HEAT AND FLAME

EN ISO 11612

Limited Flame Spread: A1+A2
Convective Heat: B1
Radiant Heat: C1
Molten Iron Splashes: E3
Contact Heat: F1



CHEMICAL PROTECTION TYPE 6

EN 13034

Type: 6



ELECTRIC ARC HEAT

EN 61482-2

APC: 1
ATPV (Fabric): 11 cal/cm²
ELIM (Fabric): 9 cal/cm²

The OEKO-TEX® certificate of the main outer fabric is under review.