TECHNICAL SHEET

SERIES CARBOFLAME

# HEAVY CARBOFLAME jacket

## MC5614L5

### MATERIALS

87% cotton, 12% Nylon, and 1% carbon fiber. Padding 100% aramid, lining 50% Lenzing®, 50% aramid.

### WEIGHT

260 g/m², Padding 150 g/m², Lining 130 g/m².

### FEATURES

Jacket made from 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. It offers integrated protection from flames, convective, radiant, and contact heat. Antistatic properties and effectiveness in containing the energy released by an electric arc up to 4 kA complete the jacket's safety profile. The aramid fiber padding ensures high insulating capacity, guaranteeing thermal protection down to –5 °C; furthermore, it maintains a stable body microclimate even in cold environments or those subject to temperature fluctuations. The high percentage of cotton, combined with technical fibers, contributes to perfectly balancing protection and comfort, making the garment soft and breathable without compromising robustness and mechanical resistance. The padded hood, removable via a heavy-duty metal zip, is designed to offer modular thermal insulation based on environmental conditions, while ensuring greater versatility of use and adaptability to different operational contexts. Its 4 pockets make it extremely functional and practical, allowing essential tools and items to always be within reach during work. Reflective bands sewn on the hood, torso, and armholes increase operator visibility, improving safety during work activities. The elasticated cuffs ensure a snug fit at the wrist and promote temperature stability, contributing to the operator's thermal insulation and comfort.

### DETAILS

- Padded hood, detachable via metal zip, for adjustable thermal protection and increased versatility;
- 2 chest pockets for quick and convenient access to smaller items;
- 2 lower pockets, closed with flap and velcro, allow for storage of bulkier items without the risk of them falling out;



- Drawstring waist, allowing maximum freedom of movement without restrictions;
- Elasticated cuffs, with their snug fit at the wrist, help maintain a constant body temperature;
- Double stitching in high-stress and wear areas, for increased strength and durability.

### CLOSING

Flap-concealed metal zip fastened with Velcro.

### REFLEX

Reflective band sewn on hood, chest, and sleeves.

### IMPORTANT

The jacket is certified in combination with the Heavy Carboflame bib-trousers MC5613.

### AVAILABLE COLOURS

- H5 - ORANGE
- L5 - RED
- Q4 - BLUE

### SIZES

| | | | | |
|---|---|---|---|---|
| XS | S | M | L | XL |
| XX | 3X | | | |

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

5

### 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**



COLD PROTECTION

**EN 342**

ICler: 0,329(B)
Class: 2



HEAT AND FLAME

**EN ISO 11612**

Limited Flame Spread: A1
Convective Heat: B2
Radiant Heat: C2
Contact Heat: F3



ENHANCED VISIBILITY

**EN 17353**

Type: B3



ELECTRIC ARC HEAT

**EN 61482-2**

APC: 1

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