

TECHNICAL DATA SHEET

PROHEATECT

Workwear



Article NO: H5702 (jacket)
 H5703 (trousers)

Material: 100% cotton
Grammage: 260 g/m²

Size: 46 - 64

This protective clothing is classified as Category III personal protective equipment (PPE) according to European Directive 2016/425/EEC.

Protective clothing PROHEATECT for workers exposed to heat and flames and for use in welding and allied processes.

Blouse: forearm protection by double layer fabric on sleeves, fastening by press studs covered with a flap and velcro fasteners, inner breast pocket and chest pocket with velcro

Trousers: sport cut with pass-through pockets, back patch pocket, elastic waist for comfortable wearing, zipper and button, doubling stressed parts on knees, cover for shoes, designed to be worn together with the jacket

Protect user in case of short term contact with flames, radiant, contact and convective heat, splashes of molten iron. Protection of the user during welding and similar processes with comparable risks. Class 1: offers protection against less dangerous welding procedures and workplace situations with few welding splashes



and low radiation heat Class 2: offers protection against more dangerous welding procedures and workplace situations with more welding splashes and higher radiation. Washing at a temperature of 75 °C (the total guaranteed number of times it can be washed is 50).

This personal protective equipment is in conformity with these harmonized European Standards:

EN ISO 13688:2013: Protective clothing - general requirements.

and unharmonized European Standards:

EN ISO 11611:2018: Protective clothing for use in welding and allied processes - Class 1 - A1 and A2

EN ISO 11612:2018 - Protective clothing for workers exposed to heat and flames (not including welders and firefighters) with performances:

A1: Limited Flame spread (Surface Ignition)

A2: Limited Flame Spread (Edge Ignition)

B1: Convective heat resistance

C1: Radiant heat resistance

E1: Molten Iron splash

F1: Contact Heat

Certified by notified body no. 0598 (SGS Fimko Ltd., Takomotie 8, FI 00380 Helsinki, Finland), Certificate number 0598/PPE/210252, dated 9th June 2021.

Pieces in carton: 20

Polybag packing (pieces): 1 (jacket and trousers separately)

Carton weight: 18,5 kg

Carton size: 0,060 m³

Limited flame spread properties will be reduced if contaminated with flammable liquids. These garments are not intended to provide protection against large splashes of molten metal. Garments if worn next to skin may not eliminate all risk of burns. These garments can only protect where it covers the body, additional partial body protection may be required. Nonconforming garments to EN 11612/ EN 11611 when worn over these garments eliminates the effectiveness of these garments. No modification of this garment e.g. adding logos is allowed. Not all welding voltage carrying parts of arc welding installations can be protected against direct contact. Additional partial body protection may be required e.g. for welding overhead. The garment is only intended to protect against brief inadvertent contact with live parts of an arc welding circuit and that additional electrical insulation layers will be required where there is an increased risk of electric shock. During welding operations the wearer is suggested to cover the front body at least from side seam to side seam. The level of protection against flame will be reduced if the welder's protective clothing is contaminated with flammable materials. An increase in the oxygen content of the air will reduce considerably the protection of the welder's protective clothing against flame. Care should be taken when welding in confined spaces e.g. it is possible that the atmosphere may become enriched with oxygen. In case of a two-piece protective garment, both the items should be worn together to provide the specified level of protection.

Usage Life - 5 year from the date of manufacture
