

**TECHNICAL DESCRIPTION**  
**PROXIMITY SPECIALISED FIRE-FIGHTING 5- PIECE SUIT**  
**EN-1486 TYPE 2 APPROVED**

**STYLE BETA 5 FIRETEX (identification code 10173)**

DESCRIPTION

Aluminised 5 pieces overall, internally lined with wool fabric, Provided with pouch for breathing apparatus containment and protection. Wide shape, frontal opening fastened by press stud buttons covered by flap. Elastication at sleeves and legs bottoms. Trousers provided with adjustable braces and waist elastics. Boots are outlined for maximum comfort, wearability and undress provided with frogs for adjustment and clinging. Soles made of high temperature resistance material, internally covered by wool and in the outer part by 100% KEVLAR bouclette. Five fingers gloves with long cuff and split leather reinforcements on the palm.

The hood has wide shape and allows use of mask and breathing apparatus. It is composed of an adjustable inner safety helmet according to UNI-EN 397 (-20°C / 440 Vac class) and a golden, antidazzle visor, thickness 5 mm. Elasticated armpit braces closed by press studs buttons are provided in three positions for hood proper setting. The overall is provided with carrying bag. The garment is manufactured in absolute absence of asbestos fibres. The overall outer layer is made of aluminised FIRETEX fibre glass fabric and lined with a wool fabric granting comfort during intervention.

The overall is a 3<sup>rd</sup> category safety equipment and CE approved on the base of EN 1486 Type 2 standards as proximity specialised fire-fighting suit.

The overall is available in S-M-L size.

Spare parts to be supplied separately on demand:

- COAT style BETA 5 FIRETEX code 10219
- TROUSERS style BETA 5 FIRETEX code 10220
- HOOD style BETA 5 FIRETEX code 1022100
- FOOTWEAR style BETA 5 FIRETEX code 1022200
- GLOVES code 1017200



**ABRIDGED TECHNICAL DESCRIPTION**

BETA-5 FIRETEX coverall, provided with **EC marking** showing the approval to sale according to Law Decree 475 dated 04/12/1992, in the accomplishment of the Council directive 89/686/CEE, **identified as 3<sup>rd</sup> category PPE, in conformity with technical specifications EN-1486 TYPE 2 for proximity fire-fighting interventions.**



## GLOVE:

<b>Requirement</b>	<b>Result</b>	<b>Conformity EN 1486</b>	<b>Conformity EN 659</b>
Abrasion resistance EN 388	823 cycles (n° of cycle)	<b>Conform</b>	<b>conform</b>
Resistance to cutting EN 388	10.1 on the palm 9.3 on the back	<b>Conform</b>	<b>conform</b>
Tearing strength EN 388	94,4 N (external fabric)	<b>Conform</b>	<b>Conform</b>
Resistance to perforation (palm)	269 N	<b>Conform</b>	<b>conform</b>
Dexterity EN 420	-	-	-
Heat transmission through exposition to flame EN 367 (palm)	HTI <sub>12</sub> = 17 sec. HTI <sub>24</sub> = 22 sec.	<b>Conform</b>	<b>Conform</b>
Radiant heat transmission after repeated flexing EN366 (palm)	t <sub>2</sub> = 93 sec.	<b>Conform</b>	<b>Conform</b>
Contact heat transmission (palm)	t <sub>t</sub> = 13 sec.	<b>Conform</b>	<b>Conform</b>