

TECHNICAL DATA SHEET

**TECHNICAL DESCRIPTION PROXIMITY SPECIALIZED FIRE-FIGHTING
SUIT STYLE A-100R FIRETEX NEW
identification code 10150N and gloves code 10151N**

OVERALLS: A long-sleeved overall covering the feet. The exterior is made from aluminised material and lined with aramide insulation felt and FR Cotton lining. The upper body and thigh piece is formed from two sections joined by means of a metal zip running from the bottom of the collar to the crotch. The zip is covered by a flap which closes over the right-hand side and fastens by means of metal snap buttons. The back is formed from different pieces forming a hump. The two straight, single-piece Raglan sleeves are joined at the armhole to the upper body and the cuff is formed from a hem near the edge. Each leg is formed from three pieces joined by means of a vertical seam at the front and three pieces at the back joined by a

horizontal seam to the foot piece. Each foot piece is formed from different sections joined by means of seams. The instep has straps attached of the same material as the rest of the exterior with a metal buckle, and at the back of the ankle is a strap with a metal snap button which fastens to one of the buttons attached to the side: this allows adjustment of the pleated part at the back of the foot piece. The back of the ankle is reinforced. The sole is formed from a piece of knitted material with a border of woven yellow material covering the whole of the sole and which is joined to the sole of the foot by means of a 3-cm wide piece of yellow woven material. The collar is square and extended at the back with inner lining and a garment identification label is attached at the rear seam. **GLOVES:** The glove is formed from aluminised material on the outside and lined with dark grey woven material. The gloves are 5-fingered and formed from two pieces of material one running from the finger tips to the wrist and the other from the wrist to the cuff.

Wide hood suitable to be used in conjunction with full face mask and B.A.; Inner safety helmet certified according EN 397 European Harmonized Standard. 5 mm. thick golded tempered glass visor; elastic under armpit braces adjustable in three different position to help positioning the hood.



Available sizes: S-M-L-XL-XXL

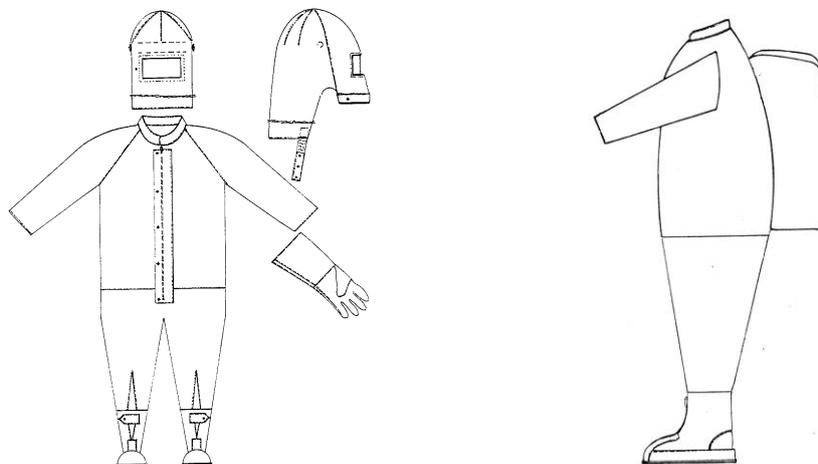
Personal Protective Device belonging to the THIRD CATEGORY, EC approved in conformity to EN ISO 13688:2013 and ISO 15538:2001 for specialised interventions proximity suit for fire fighters.

OVERALL PROTECTIVE PERFORMANCE

Requirement	Specification	Result	Conformity
Flame propagation EN-532 on assembled	conformity	Inflammability on edges: NO perforation: NO residual parts: NO flame persistence: NO afterglow: NO	conform
Convective heat index HTI (s) EN 367	Type 1 :HTI >= 4 Type 2 :HTI >=13 Type 3 :HTI >= 21	HTI ₂₄ = 16,7 seconds	conform TYPE 2
Radiant heat index t _r (s) at 40 KW ISO 6942 pre-treatment annex A EN 531	Type 1 : RHTI ₂₄ >= 30 Type 2 : RHTI ₂₄ >= 60 Type 3 : RHTI ₂₄ >=120	:RHTI ₂₄ = 71,2 seconds	conform TYPE 2
Contact heat EN 702	Type 1 : Ze >= 6 Type 2 : Ze >= 10 Type 3 : Ze >= 15	300° C (Delta 10°C) = 13,5 seconds	conform TYPE 2
Resistance to heat (%) EN 469 Annex A	< 5	No melting No hole formation No dripping No catching fire Dimensional stability Alumised fabric = 0% Thermal felt: < 1% length. < 1% width. internal lining: < 1% length. < 1% width	conform
Resistance to breaking (N) ISO 1421	>= 600	Warp = 4426 N Weft = 2132 N	conform
Resistance to tearing (N) ISO 4674	>=25	Warp = 177 N Weft = 212 N	conform
Abrasion (EN 388 -6.1)	>=level 2 (500 cycles)	(800 cycles) level 2	conform
Resistance to cutting (EN 388 - 6.2)	>=level 2	(index 11,7) level 4	conform
Resistance to perforation (EN 388 - 6.4)	>= level 2 (60 N)	(index 177 N) level 4	conform

All further features fulfil the minimal requirements according to the technical specification used as reference..

DRAWINGS





aitex

instituto
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textil



CE

certificado CE de tipo

CERTIFICATE N° 0161/3451/14
PPE TYPE TUTTA ALUMINIZZATA TIPO A-100R NEW
CON CALZARE INCORPORATO COD. 10150N E
GUANTI COD. 10151N

AITEX, Notified Body No 0161 for the application of Directive 89/686/EEC of 21st December 1989 (O.G.E.C. of 30.12.1989), Royal Decree 1407/1992 of 20th November, in which the minimum requirements that Personal Protective Equipment (PPE) must comply with are set forth.

CERTIFIES:

The Company: ST PROTECT S.P.A.
VIA CIRCONVALLAZIONE 97
IT-27043 BRONI PAVIA

Rev. 1.

This revision cancels and
replaces the previous



CERTIFICATE N° 0161/3451/14

AITEX, Notified Body No 0161 for the application of Directive 89/686/EEC of 21st December 1989 (O.G.E.C. of 30.12.1989), Royal Decree 1407/1992 of 20th November, in which the minimum requirements that Personal Protective Equipment (PPE) must comply with are set forth.

CERTIFIES:

The Company: ST PROTECT S.P.A.
VIA CIRCONVALLAZIONE 97
IT-27043 BRONI PAVIA

Has obtained **EC TYPE EXAMINATION INSPECTION CERTIFICATION**, in compliance with what is stated in Directive 89/686/EEC and in agreement with the applicable test procedures according to standards *EN ISO 13688:2013* General requirements and *ISO 15538:2001* for protective clothing that relies upon the ability of the outer material to reflect intense radiant heat (level 1), having attained the levels of provision specified in **TEST REPORT N°2013CO3046** and in **PPE's TECHNICAL DOCUMENTATION**.

Said certification is valid for the following articles:

PPE TYPE "TUTTA ALUMINIZZATA TIPO A-100R NEW CON CALZARE INCORPORATO COD. 10150N E GUANTI COD. 10151N" destined to the protection of the entire body of the user with exception of head for protective clothing that relies upon the ability of the outer material to reflect intense radiant heat.

Manufactured by: ST PROTECT S.P.A.

PPE DESCRIPTION:

OVERALLS: A long-sleeved overall covering the feet. The exterior is made from aluminised material and lined with dark grey woven material. The upper body and thigh piece is formed from two sections joined by means of a metal zip running from the bottom of the collar to the crotch. The zip is covered by a flap which closes over the right-hand side and fastens by means of metal snap buttons. The back is formed from different pieces forming a hump. The two straight, single-piece Raglan sleeves are joined at the armhole to the upper body and the cuff is formed from a hem near the edge. Each leg is formed from three pieces joined by means of a vertical seam at the front and three pieces at the back joined by a horizontal seam to the foot piece. Each foot piece is formed from different sections joined by means of seams. The instep has straps attached of the same material as the rest of the exterior with a metal buckle, and at the back of the ankle is a strap with a metal snap button which fastens to one of the buttons attached to the side: this allows adjustment of the pleated part at the back of the foot piece. The back of the ankle is reinforced. The sole is formed from a piece of knitted material with a border of woven yellow material covering the whole of the sole and which is joined to the sole of the foot by means of a 3-cm wide piece of yellow woven material. The collar is square and extended at the back with inner lining and a garment identification label is attached at the rear seam. **GLOVES:** The glove is formed from aluminised material on the outside and lined with dark grey woven material. The gloves are 5-fingered and formed from two pieces of material; one running from the finger tips to the wrist and the other from the wrist to the cuff.



CERTIFICATE N° 0161/3451/14

The materials that form the PPE, are described in the test report n° 2013CO3046



It shall be the manufacturer's sole responsibility to furnish specific information pertaining to this certificate and the tested levels of protection.

PPE's CAT. III shall be submitted to control tests according to the Art. 11 of the Directive 89/686/EEC.

ALCOY, 10th of March of 2014



Silvia Devesa Valencia
INNOVATION-MANAGER