

CERTIFICATE OF TEST

Certificate of test n°

20CN0478

Complies with the requirements of the standard/s:

EN ISO 11612:2015 PROTECTIVE CLOTHING. CLOTHING TO PROTECT AGAINST HEAT AND FLAME.

- 6.2 Heat resistance (180± 5)°C – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.3.2 Limited flame spread. Method A – A1 – (as received and after 5 washing cycles, 75°C, Tumble Dryer A).
- 6.3.3 Limited flame spread. Method B – A2 – (as received and after 5 washing cycles, 75°C, Tumble Dryer A).
- 6.4 Dimensional change due to cleaning – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.5.1 Tensile strength – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.5.2 Tear Resistance – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 7.2 Convective heat – B1 - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 7.3 Radiant heat – C1 - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 7.5 Molten iron splash – E3 - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 7.6 Contact heat – F1 - (x 5 washing cycles, 75°C, Tumble Dryer A).

EN ISO 11611:2015 PROTECTIVE CLOTHING FOR USE IN WELDING AND ALLIED PROCESSES.

- 6.2 Tensile strength – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.3 Tear Resistance – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.6 Dimensional change due to cleaning – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.7.2 Limited flame spread. Method A – A1 – (as received and after 5 washing cycles, 75°C, Tumble Dryer A).
- 6.7.3 Limited flame spread. Method B – A2 – (as received and after 5 washing cycles, 75°C, Tumble Dryer A).
- 6.8 Impact of spatter – Class 2 - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.9 Radiant heat – Class 2 - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 6.10 Electrical resistance – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).

EN 1149-5:2018. PROTECTIVE CLOTHING. ELECTROSTATIC PROPERTIES. PART 5: MATERIAL PERFORMANCE AND DESIGN REQUIREMENTS.

- 4.2.1 Charge decay, according EN 1149-3:2004—Pass—(x 5 washing cycles, 75°C, Tumble Dryer A).

IEC 61482-2:2018. PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC. PART 2: REQUERIMENTS.

- 4.3.1 Heat resistance (180± 5)°C – Pass -- (x 5 washing cycles, 75°C, Tumble Dryer A).
- 4.3.2 Volume resistance – Pass -- (x 5 washing cycles, 75°C, Tumble Dryer A).
- 4.3.3 Limited flame spread. Method A – Pass – (after 5 washing cycles, 75°C, Tumble Dryer A).
- 4.3.4.1 Tear Resistance – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 4.3.4.2 Tensile strength – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 4.3.5 Dimensional change due to cleaning – Pass - (x 5 washing cycles, 75°C, Tumble Dryer A).
- 4.4.3 Arc protection classes --- APC=1 --- (x 5 washing cycles, 75°C, Tumble Dryer A).

EN 61482-1-2:2014. LIVE WORKING. PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC. PART 1-2: TEST METHODS. METHOD 2: DETERMINATION OF ARC PROTECTION CLASS OF MATERIAL AND CLOTHING BY USING A CONSTRAINED AND DIRECTED ARC (BOX TEST).

- 4.1 Live working – Protective clothing against the thermal hazards of an electric arc – Part 1.2:
Test methods – Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (Box Test) – APC= 1 - (x 5 washing cycles, 75°C, Tumble Dryer A)

Remark: washing instructions according to Standard EN ISO 15797:2018, 5 washing cycles, 75°C and type A drying (tumble dryer).

Remark: The tests have been carried out in the following reports: 2020CN0477 (Date tests ending: 30/07/2020).

The test results above indicated are shown in the testing report:

2020CN0477

Rev. 1

Issued by AITEX on: 30/07/2020

This document is of application for the tested sample, according to the tests that have been done in the previously mentioned dates in the reports above shown. This does not implies any monitoring or control activity on this product done by AITEX.

This document is a test summary and does not imply a product certification.

Signed by: Raquel Muñoz González
Manager Innovation Area

Firmado digitalmente
por ISABEL LLOPIS
LUMBRERAS
Fecha: 2020.08.06
13:48:32 +02'00'

This revision
cancels and
replaces the
previous