

CERTIFICATE OF TEST

Certificate of test n°

24EP2076

AITEX declares that the articles:

Given by the company:

“Artex-210”

Information supplied by the customer:
Composition and percentage 93% M-Aramid, 5% P-Aramid, 2% AS FR-Twill 2/1
Weight 210 gsm
Color Navy
Others (if any) 578

XM TEXTILES POLSKA SP. Z O. O.

16 WOLNOŚCIOWA
PL-95-200 Pabianice
Poland

Complies with the requirements of the standard/s:

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

Clause	TEST	RESULTS		REQUIREMENTS	REPORT No.
Clause 6.2.1	Heat resistance (180)°C after 5 washing cycles	Warp: -0,3 %	Weft: 0 %	No ignite, no melt and no shrink by more than 5%	2024EP1934
Clause 6.3	Limited flame spread as received and after 5 washing cycles (Procedure A)	A1		No specimen must ignite toward the top or toward the edges No specimen shall give hole formation of 5 mm or greater in any direction No specimen shall give flaming or molten debris The afterflame time is ≤ 2 s The afterglow time is ≤ 2 s	2024EP1934
	Limited flame spread as received and after 5 washing cycles (Procedure B)	A2		No specimen must ignite toward the top or toward the edges No specimen shall give flaming or molten debris The afterflame time is ≤ 2 s The afterglow time is ≤ 2 s	2024EP1934
Clause 6.4	Dimensional change after 5 washing cycles	Warp: -1,5 %	Weft: -1,0 %	≤ ± 3%	2024EP1934
Clause 6.5.1	Tensile strength after 5 washing cycles	Warp: 1400 N	Weft: 1100 N	≥ 300 N	2024EP1934
Clause 6.5.2	Tear strength after 5 washing cycles	Warp: 44,1 N	Weft: 45,3 N	≥ 10 N	2024EP1934

Remark: Washing instructions according to Standard EN ISO 6330:2021, method 6N and F type drying (type A1 tumble drying).

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

2024EP1934

Signed by: Lucía Martínez
Head of PPE and Ballistic
department

Issued by AITEX on: 13/05/2024.

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.

CERTIFICATE OF TEST

Certificate of test n°

24EP2076

AITEX declares that the articles:

Given by the company:

“Artex-210”

Information supplied by the customer:
Composition and percentage 93% M-Aramid, 5% P-Aramid, 2% AS FR-Twill 2/1
Weight 210 gsm
Color Navy
Others (if any) 578

XM TEXTILES POLSKA SP. Z O. O.

16 WOLNOŚCIOWA
PL-95-200 Pabianice
Poland

Complies with the requirements of the standard/s:

EN ISO 11611:2015. PROTECTIVE CLOTHING. CLOTHING TO PROTECT AGAINST HEAT AND FLAME.

TEST		RESULTS		REQUIREMENTS	REPORT No.
Clause 6.2	Tensile strength after 5 washing cycles	Warp: 1400 N	Weft: 1100 N	≥ 400 N	2024EP1934
Clause 6.3	Tear strength after 5 washing cycles	Warp: 44,1 N	Weft: 45,3 N	≥ 15 N	2024EP1934
Clause 6.7	Limited flame spread as received and after 5 washing cycles (Procedure A)	A1		No specimen must ignite toward the top or toward the edges No specimen shall give hole formation of 5 mm or greater in any direction No specimen shall give flaming or molten debris The afterflame time is ≤ 2 s The afterglow time is ≤ 2 s	2024EP1934
	Limited flame spread as received and after 5 washing cycles (Procedure B)	A2		No specimen must ignite toward the top or toward the edges No specimen shall give flaming or molten debris The afterflame time is ≤ 2 s The afterglow time is ≤ 2 s	2024EP1934
Clause 6.6	Dimensional change after 5 washing cycles	Warp: -1,5 %	Weft: -1,0 %	≤ ± 3%	2024EP1934
Clause 6.10	Electrical insulation after 5 washing cycles	2,29·10 ¹⁰ Ω		> 10 ⁵ Ω	2024EP1934

EN 61482-2:2020. PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC. REQUIREMENTS

TEST	RESULTS	REQUIREMENTS	REPORT No.	
Clause 4.4.3	Determination of Arc Protection Class using a constrained and directed arc (box test) after 5 washing cycles	Arc Protection Class (APC) 1	Arc Protection Class (APC) 1	2024EP1934

Remark: Washing instructions according to Standard EN ISO 6330:2021, method 6N and F type drying (type A1 tumble drying).

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

2024EP1934

Issued by AITEX on: 13/05/2024.

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 imply 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: Lucía Martínez
Head of PPE and Ballistic
department