

CERTIFICATE OF TEST

Certificate of test n°

24CN0758

AITEX declares that the articles:

Given by the company:

“FABRIC CFR350AS”

Information supplied by the customer:
Composition and percentage: 98% Cotton and 2%
Anti-static flame retardant fabric
Weight: 350gsm
Color: Navy blue

LEVITEX (XINXIANG) CO LTD

Intersection of Jingjiu Rd and Weiqi Rd, development zone

Complies with the requirements of the standard/s:

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

TEST		RESULTS		REQUIREMENTS	REPORT No.
Clause 6.2.1	Heat resistance (180)°C after 5 washing cycles	Warp: 0 %	Weft: 0 %	No ignite, no melt and no shrink by more than 5%	2024CN0757
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	2024CN0757
	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	2024CN0757
Clause 6.4	Dimensional change after 5 washing cycles	Warp: 0 %	Weft: -1,0 %	≤ ± 3%	2024CN0757
Clause 6.5.1	Tensile strength after 5 washing cycles	Warp: 830 N	Weft: 580 N	≥ 300 N	2024CN0757
Clause 6.5.2	Tear strength after 5 washing cycles	Warp: 21,3 N	Weft: 22,3 N	≥ 10 N	2024CN0757
Clause 7.2	Convective heat after 5 washing cycles	Level B1 HTI ²⁴ : 6,0 s		Level B1 4 ≤ HTI ²⁴ < 10	2024CN0757
Clause 7.3	Radiant heat after 5 washing cycles	Level C1 RHTI ²⁴ : 13,1 s		Level C1 7 ≤ RHTI ²⁴ < 20	2024CN0757
Clause 7.5	Molten iron splash after 5 washing cycles	Level E3 203,56 g		Level E3 ≥ 200 g	2024CN0757
Clause 7.6	Contact heat after 5 washing cycles	Level F1 t _i : 7,58 s		Level F1 5 ≤ t _i < 10	2024CN0757

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

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

2024CN0757

Issued by AITEX on: 28/08/2024.

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

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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: 830 N	Weft: 580 N	≥ 400 N	2024CN0757
Clause 6.3	Tear strength after 5 washing cycles	Warp: 21,3 N	Weft: 22,3 N	≥ 15 N	2024CN0757
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	2024CN0757
	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	2024CN0757
Clause 6.6	Dimensional change after 5 washing cycles	Warp: 0 %	Weft: -1,0 %	≤ ± 3%	2024CN0757
Clause 6.8	Small splashes of molten metal after 5 washing cycles	Class 1 18 drops		Class 1 15 ≤ drops < 25	2024CN0757
Clause 6.9	Radiant heat after 5 washing cycles	Class 1 RHTI ^a 24: 13,1 s		Class 1 7 ≤ RHTI ^a 24 < 16	2024CN0757
Clause 6.10	Electrical insulation after 5 washing cycles	3,52·10 ⁶ Ω		> 10 ⁵ Ω	2024CN0757

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

TEST	RESULTS	REQUIREMENTS	REPORT No.
EN 1149-3:2004 Charge Decay test (Method 2) after 5 washing cycles	S = 0,8 t ₅₀ < 0,01 s	S > 0,2 or t ₅₀ < 4 s	2024CN0757

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