

CERTIFICATE OF TEST

Certificate of test n°

24CN0750

AITEX declares that the articles:

Given by the company:

“FABRIC CFR220AS”

Information supplied by the customer:
Composition and percentage: 99% Cotton and 1%
Anti-static flame retardant fabric
Weight: 220gsm
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%	2024CN0749
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	2024CN0749
	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	2024CN0749
Clause 6.4	Dimensional change after 5 washing cycles	Warp: -2,0 % Weft: -1,0 %	≤ ± 3%	2024CN0749
Clause 6.5.1	Tensile strength after 5 washing cycles	Warp: 1000 N Weft: 460 N	≥ 300 N	2024CN0749
Clause 6.5.2	Tear strength after 5 washing cycles	Warp: 25,3 N Weft: 27,6 N	≥ 10 N	2024CN0749
Clause 7.2	Convective heat after 5 washing cycles	Level B1 HTI [®] 24: 4,7 s	Level B1 4 ≤ HTI [®] 24 < 10	2024CN0749
Clause 7.3	Radiant heat after 5 washing cycles	Level C1 RHTI [®] 24: 12,2 s	Level C1 7 ≤ RHTI [®] 24 < 20	2024CN0749
Clause 7.5	Molten iron splash after 5 washing cycles	Level E3 203,25 g	Level E3 ≥ 200 g	2024CN0749
Clause 7.6	Contact heat after 5 washing cycles	Level F1 t: 7,53 s	Level F1 5 ≤ t _i < 10	2024CN0749

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:

2024CN0749

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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Intersection of Jingjiu Rd and Weiji
Rd, development zone

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: 1000 N	Weft: 460 N	≥ 400 N	2024CN0749
Clause 6.3	Tear strength after 5 washing cycles	Warp: 25,3 N	Weft: 27,6 N	≥ 15 N	2024CN0749
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	2024CN0749
	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	2024CN0749
Clause 6.6	Dimensional change after 5 washing cycles	Warp: -2,0 %	Weft: -1,0 %	≤ ± 3%	2024CN0749
Clause 6.8	Small splashes of molten metal after 5 washing cycles	Class 1 17 drops		Class 1 15 ≤ drops < 25	2024CN0749
Clause 6.9	Radiant heat after 5 washing cycles	Class 1 RHTI ²⁴ : 12,2 s		Class 1 7 ≤ RHTI ²⁴ < 16	2024CN0749
Clause 6.10	Electrical insulation after 5 washing cycles	7,69·10 ⁶ Ω		> 10 ⁶ Ω	2024CN0749

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 = 0,6 t ₅₀ < 0,01 s	S > 0,2 or t ₅₀ < 4 s	2024CN0749

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

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