

CERTIFICATE OF TEST

Certificate of test n° **23CN0644**

AITEX declares that the articles:

Given by the company:

“LJ7001 Fluorescent Yellow-Silver Flame Retardant Warning Tape in Cotton Backing(Domestic Grade)”

Information supplied by the customer:
Tape reference: J7001 Fluorescent Yellow-Silver Flame Retardant Warning Tape in Cotton Backing(Domestic Grade)
Composition and percentage: 100% Cotton
Weight: 520 g/m²
Colour: Yellow-Silver

Complies with the requirements of the standard/s:

EN ISO 20471:2013+EN ISO 20471:2013+AMD1:2016. HIGH VISIBILITY CLOTHING. TEST METHODS AND REQUIREMENTS

TEST		RESULTS	REQUIREMENTS				REPORT No.	
Clause 5.1	Determination of chromatitcity coordinates - As received	x = 0,415 y = 0,537 $\beta_{min} = 1,01$					2023CN0643	
	Determination of chromatitcity coordinates - After 50 washing cycles	x = 0,410 y = 0,521 $\beta_{min} = 0,79$	x:0,387 y:0,610 x:0,356 y:0,494 x:0,398 y:0,452 x:0,460 y:0,540 $\beta_{min}: 0,70$					
	Determination of chromatitcity coordinates - After 10 dry cleaning cycles	x = 0,415 y = 0,521 $\beta_{min} = 0,79$						
Clause 5.2	Determination of chromatitcity coordinates - After Xenon test exposure	x = 0,414 y = 0,522 $\beta_{min} = 0,86$						
Clause 6.1	Retroreflective performance of new material	PASS		5°	20°	30°	40°	2023CN0643
			12'	330	290	180	65	
			20'	250	200	170	60	
			1°	25	15	12	10	
			1°30'	10	7	5	4	
Clause 7.4.1	Retroreflective performance after abrasion	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	
Clause 7.4.2	Retroreflective performance after flexion	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	
Clause 7.4.3	Retroreflective performance after folding at cold temperatures	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	
Clause 7.4.4	Retroreflective performance after temperature variation	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	
Clause 7.4.5	Retroreflective performance after rainfall	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	
Clause 7.5.2	Retroreflective performance after 50 washing cycles	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	
Clause 7.5.3	Retroreflective performance after 10 dry cleaning cycles	PASS	12'/5°	≥ 100 (cd/m ² ·lx)			2023CN0643	

Remark: Washing instructions according to Standard EN ISO 6330:2021, method 6N and A drying (vertical drying).

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

2023CN0643

Issued by AITEX on: 25/09/2023.

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: Lucía Martínez
Head of PPE and Ballistic
department



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Composition and percentage: 100% Cotton
Weight: 520 g/m²
Colour: Yellow-Silver

Complies with the requirements of the standard/s:

EN 469:2020. PROTECTIVE CLOTHING FOR FIREFIGHTERS. PERFORMANCE REQUIREMENTS FOR PROTECTIVE CLOTHING FOR FIREFIGHTING ACTIVITIES.

	TEST	RESULTS	REQUIREMENTS	REPORT No.
Clause 6.2.1.1	Limited flame spread after 50 washing cycles	PASS	The material shall achieve level 3 of EN ISO 14116:2015 when it is tested after washing and drying pre-treatment	2023CN0643
Clause 6.2.1.6	Heat resistance (180°C) – as received	PASS	No layer can ignite, melt or shrinks more than 5 %	2023CN0643
Clause 6.2.6.4	Determination of retroreflective photometric performance after heat resistance (180°C)	PASS	According to EN ISO 20471:2013 ≥ 100 (cd/lx°m2)	2023CN0643

Remark: Washing instructions according to Standard EN ISO 6330:2021, method 6N and A drying (vertical drying).

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