

CERTIFICATE OF TEST

Certificate of test nº

23CN6050

AITEX declares that the articles:

Given by the company:

“KNITTED FABRIC”

According information supplied by the customer:
Fabric reference: Knitted fabric
Others: Item number RWS-01(Fluorescent yellow) RWS-02(Fluorescent Orange)
Composition and percentage: 100% Polyester
Color: Fluorescent Yellow and Fluorescent Orange
Weight: 125 gsm

HAINING RUNWU TEXTILE CO., LTD.

Room 304, building10#, No.8 Haining Avenue,
Haining Economic
CN-314400
HAINING

Complies with the requirements of the standard/s:

EN ISO 20471:2013/A1:2016. HIGH VISIBILITY CLOTHING. TEST METHODS AND REQUIREMENTS

	TEST	RESULTS	REQUIREMENTS	REPORT No.
Clause 5.1	Orange fabric Determination of chromatitcity coordinates - As received	x = 0,591 y = 0,365 $\beta_{min} = 0,40$	x:0,610 y:0,390 x:0,535 y:0,375 x:0,570 y:0,340 x:0,655 y:0,345 $\beta_{min}: 0,40$	2023CN6049
	Orange fabric Determination of chromatitcity coordinates - After 25 washing cycles	x = 0,593 y = 0,365 $\beta_{min} = 0,40$		
Clause 5.2	Orange fabric Determination of chromatitcity coordinates - After Xenon test exposure	x = 0,547 y = 0,371 $\beta_{min} = 0,43$		
Clause 5.1	Yellow fabric Determination of chromatitcity coordinates - As received	x = 0,392 y = 0,535 $\beta_{min} = 0,81$	x:0,387 y:0,610 x:0,356 y:0,494 x:0,398 y:0,452 x:0,460 y:0,540 $\beta_{min}: 0,70$	2023CN6049
	Yellow fabric Determination of chromatitcity coordinates - After 25 washing cycles	x = 0,392 y = 0,537 $\beta_{min} = 0,82$		
Clause 5.2	Yellow fabric Determination of chromatitcity coordinates - After Xenon test exposure	x = 0,388 y = 0,518 $\beta_{min} = 0,74$		

Remark: Washing instructions according to Standard EN ISO 6330:2012, method 4N and F type drying (tumble drying).

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

2023CN6049

Signed by: Lucía Martínez
Head of PPE and Ballistic
department

Issued by AITEX on: 28/11/2023.

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.

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	TEST	RESULTS	REQUIREMENTS	REPORT No.
Clause 5.3.1	Orange fabric Colour fastness to rubbing	Dry staining = 4-5	Dry staining ≥ 4	2023CN6049
	Yellow fabric Colour fastness to rubbing	Dry staining = 4-5		
Clause 5.3.2	Orange fabric Colour fastness to perspiration	Change in colour = 5 Staining = 4-5	Change in colour ≥ 4 Staining ≥ 4	2023CN6049
	Yellow fabric Colour fastness to perspiration	Change in colour = 5 Staining = 4-5		
Clause 5.3.3	Orange fabric Colour fastness to washing Test A1M at 40°C	Change in colour = 5 Staining = 4-5	Change in colour ≥ 4-5 Staining ≥ 4	2023CN6049
	Yellow fabric Colour fastness to washing Test A1M at 40°C	Change in colour = 5 Staining = 4-5		
Clause 5.4	Dimensional stability after 5 washing cycles	Lengthwise: -1,5% Crosswise: -1,0%	≤ ±5%	2023CN6049
Clause 5.5.2	Bursting resistance	461,10 kPa	≥ 100 kPa	2023CN6049
Clause 5.6.3	Water vapour resistance (R _{et})	R _{et} = 1,50 (m ² ·Pa/W)	R _{et} ≤ 5 (m ² ·Pa/W)	2023CN6049

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