

# CERTIFICATE OF TEST

Certificate of test n° **24CN0232**

AITEX declares that the articles:

Given by the company:

**“Single Fleece Fabric JS005/ JS006”**

**HAINING JUSHENG TEXTILE CO.,LTD**

According information supplied by the customer:

13th Floor, 832 Xishan Road, Haizhou  
Street Haining City, Jiaxing City, Zhejiang Province  
CN-314400  
HAINING

Composition and percentage: 100% Polyester  
Color: JS005: Orange, JS006: Yellow

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	Yellow fabric Determination of chromatitcity coordinates - As received	x = 0,379 y = 0,551 $\beta_{min} = 0,97$	x:0,387 y:0,610 x:0,356 y:0,494 x:0,398 y:0,452 x:0,460 y:0,540 $\beta_{min}: 0,70$	2024CN0231
	Yellow fabric Determination of chromatitcity coordinates - After 25 washing cycles	x = 0,378 y = 0,551 $\beta_{min} = 0,98$		
Clause 5.2	Yellow fabric Determination of chromatitcity coordinates - After Xenon test exposure	x = 0,382 y = 0,540 $\beta_{min} = 0,88$		
Clause 5.1	Orange fabric Determination of chromatitcity coordinates - As received	x = 0,598 y = 0,359 $\beta_{min} = 0,41$	x:0,610 y:0,390 x:0,535 y:0,375 x:0,570 y:0,340 x:0,655 y:0,345 $\beta_{min}: 0,40$	2024CN0231
	Orange fabric Determination of chromatitcity coordinates - After 25 washing cycles	x = 0,598 y = 0,359 $\beta_{min} = 0,42$		
Clause 5.2	Orange fabric Determination of chromatitcity coordinates - After Xenon test exposure	x = 0,565 y = 0,362 $\beta_{min} = 0,44$		

**Remark: Washing instructions according to Standard EN ISO 6330:201, method 4N and F type drying (type A1 tumble drying).**

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

**2024CN0231**

Signed by: Lucía Martínez  
Head of PPE and Ballistic  
department

Issued by AITEX on: 02/05/2024.

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.

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TEST		RESULTS		REQUIREMENTS	REPORT No.
Clause 5.3.1	Yellow fabric Colour fastness to rubbing	Dry staining = 4-5		Dry staining ≥ 4	2024CN0231
	Orange fabric Colour fastness to rubbing	Dry staining = 4-5			
Clause 5.3.2	Yellow fabric Colour fastness to perspiration	Change in colour = 5 Staining = 4-5		Change in colour ≥ 4 Staining ≥ 4	2024CN0231
	Orange fabric Colour fastness to perspiration	Change in colour = 5 Staining = 4-5			
Clause 5.3.3	Yellow fabric Colour fastness to washing Test A1M at 40°C	Change in colour = 5 Staining = 4-5		Change in colour ≥ 4-5 Staining ≥ 4	2024CN0231
	Orange 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: -0,5%	Crosswise: 0%	≤ ±5%	2024CN0231
Clause 5.5.2	Bursting resistance	1087 kPa		≥ 200 kPa	2024CN0231
Clause 5.6.3	Water vapour resistance (R <sub>et</sub> )	R <sub>et</sub> = 6,81 (m <sup>2</sup> .Pa/W)		R <sub>et</sub> ≤ 5 (m <sup>2</sup> .Pa/W)	2024CN0231
	Thermal resistance (R <sub>ct</sub> )	R <sub>ct</sub> = 0,0624 (m <sup>2</sup> .K/W)		---	
	Water vapour permeability index (I <sub>mt</sub> )	i <sub>mt</sub> = 0,55		i <sub>mt</sub> ≥ 0,15	

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