

# CERTIFICATE OF TEST

Certificate of test n°

**20EP2162**

AITEX declares that the articles:

Given by the company:

**“3M™ Scotchlite™ Reflective Material 8912/8912N”**

**3M Deutschland GmbH**

Carl-Schurz-Str.1  
DE41453 NEUSS

Complies with the requirements of the standard/s:

**EN ISO 20471:2013/A1:2016. High visibility clothing. Test methods and requirements**

TEST	RESULTS	REQUISITES				REPORT No.	
		5°	20°	30°	40°		
Clause 6.1 Retroreflective performance of new material	PASS	12'	330	290	180	65	2020EP2161
		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 <sup>2</sup> ·lx)			2020EP2161	
Clause 7.4.2 Retroreflective performance after flexing	PASS	12'/5°	≥ 100 (cd/m <sup>2</sup> ·lx)			2020EP2161	
Clause 7.4.3 Retroreflective performance after folding at cold temperatures	PASS	12'/5°	≥ 100 (cd/m <sup>2</sup> ·lx)			2020EP2161	
Clause 7.4.4 Retroreflective performance after temperature variation	PASS	12'/5°	≥ 100 (cd/m <sup>2</sup> ·lx)			2020EP2161	
Clause 7.4.5 Retroreflective performance after rainfall	PASS	12'/5°	≥ 100 (cd/m <sup>2</sup> ·lx)			2020EP2161	
Clause 7.5.2 Retroreflective performance after 60 washing cycles	PASS	12'/5°	≥ 100 (cd/m <sup>2</sup> ·lx)			2020EP2161	

**Remark:** Washing instructions according to Standard ISO 6330:2012, method 6N and F drying (tumble drying)

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

Rev. 1.

**2020EP2161**

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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: Raquel Muñoz González  
Manager Innovation Area