

ANSI/ISEA 107-2020 Retroreflective Trim Test Results Summary

Submitted by: 3M

3M™ Scotchlite™ Reflective Material
8711 Silver Graphic-Ready Transfer Film
Color Silver

Date: October 30, 2020

Report #: MMM.A090320L1

The submitted material **MEETS** all Photometric performance requirements of retroreflective material prior to test exposure per ANSI/ISEA 107-2020 clause 9.1 for minimum coefficient of retroreflection for retroreflective trim.

The submitted material **MEETS** all photometric performance requirements of retroreflective material after test exposure per ANSI/ISEA 107-2020 clause 9.2 for minimum coefficient of retroreflection for retroreflective trim after abrasion, flexing, folding at cold temperatures, temperature variation, washing per ISO 6330 6N, F (Tumble Dry Normal) (25 cycles), dry cleaning (25 cycles), and rainfall.

Retroreflective Material

Retroreflective, Performance, Initial	Passed
Abrasion.....	Passed
Flexing	Passed
Folding at Cold Temperatures	Passed
Exposure to Temperature Variation.....	Passed
Washing Per ISO 6330 6N, F (Tumble Dry Normal) (25X)	Passed
Dry Cleaning (25X)	Passed
Retroreflective Performance in Rainfall	Passed



Signed For The Company By

Joseph Lin
Laboratory Manager



Testing Cert #2180.01

Third Party Certification
(ANSI/ISEA 107-2020)
HIGH VISIBILITY COMPLIANCE CERTIFICATE

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The submitted retroreflective trim **MEETS** all performance requirements of retroreflective material PRIOR to test exposure per ANSI/ISEA 107-2020.

The submitted retroreflective trim **MEETS** all performance requirements of retroreflective material AFTER test exposure per ANSI/ISEA 107-2020.

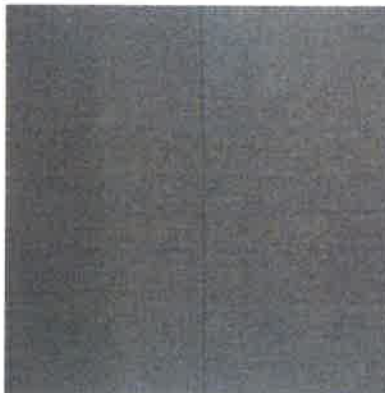
All of the above tests and evaluations were performed in accordance with ISO/IEC 17025 Quality Systems.

Certifications of background and other garment material characteristics are not implied by this certificate or by the original report.

Certificate authorized by:



Joseph Lin
Laboratory Manager



*This certification applies to the particular sample tested and to the specific tests carried out as dated and detailed in the report referenced above. It does not signify any measure of approval, control, supervision, or surveillance by Vartest Laboratories Inc. to this or any related product.