Vartest Laboratories

Quality Assurance & Compliance Testing
Utilizing Textile & Related Technologies

19 West 36 Street, Tenth Floor
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www.vartest.com

Third Party Certificate of Test
(ANSI/ISEA 107-2020)
RETROREFLECTIVE MATERIAL COMPLIANCE

Submitted by: 3M Personal Safety Division
3M™ Scotchlite™ Reflective Material
9725 Silver Industrial Wash Transfer Film
Color Silver

Date: June 24, 2022

Test Report #: MMM.A021021C-R1

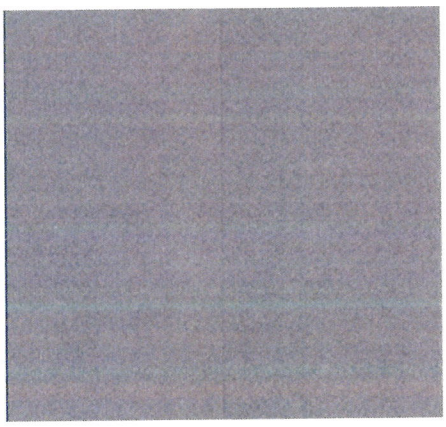
The submitted retroreflective trim **MEETS** all performance requirements of retroreflective material PRIOR to test exposure per ANSI/ISEA 107-2020.

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

A2LA ACCREDITED
Testing Cert #2180.01

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. Unless otherwise specified, all compliance statements are simple acceptance.

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ANSI/ISEA 107-2020 Retroreflective Trim Test Results Summary

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9725 Silver Industrial Wash Transfer Film
Color Silver

Date: June 24, 2022

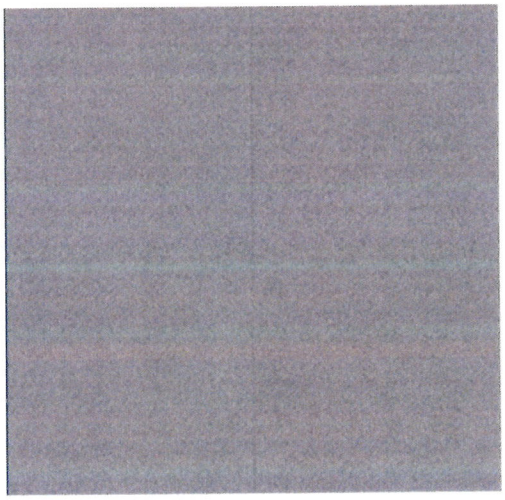
Report #: MMM.A021021C-R1

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) (100 cycles), dry cleaning (50 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) (100X)	Passed
Dry Cleaning (50X)	Passed
Retroreflective Performance in Rainfall	Passed



Signed For The Company By

Joseph Lin
Laboratory Manager

ACCREDITED
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