

Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator
Colorado Department of Transportation 4670 North Holly Street
Denver, Colorado 80216

APL Reference No.

5792-25

Material Code

713.04.01.00

Material Code description full name

Traffic Control, Reflective Sheeting

Part 1

Product Name:

WR-7100, WR-7114 Reboundable

Product category:

Traffic Control\Sign Sheeting\ASTM D 4956 Type IV

Product Representative / Distributer (name & address):

Jon Adams

Manufacturer (name & address):

Nipa Joshi

Avery Dennison
7542 North Natchez Ave
Niles , IL 60714

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7542 North Natchez Ave
Niles , IL 60714

Phone:(773) 255-3739 E-mail jon.adams@averydennison.c

Website address

www.reflectives.averydennison.com

Phone: (847) 627-3111 E-mail: nipa.joshi@averydennison.com

Website address

www.reflectives.averydennison.com

Description of the product: (Include specific quantifiable details from the tech data sheet. Advertising generalities are not appropriate.)

Avery Dennison WR-7100 Series Reboundable High Intensity Microprismatic Retroreflective Film for Work Zone traffic control devices, is a high-quality, durable material with a pressure sensitive Class 1 adhesive backing for use on reboundable plastic drums and other work zone devices. Its unique microprismatic construction provides a high level of retroreflectivity for demanding traffic control situations. This series has been tested by NTPEP and Calcoast and meet all requirements of ASTM D 4956 Type IV, including supplemental requirements for reboundable products. The chromaticity coordinates and luminance factors of the Avery Dennison WR-7100 Series Reboundable Microprismatic Retroreflective Sheeting meet the requirements outlined in 23 CFR Part 655 Appendix to Subpart F.

Avery Dennison WR-7100 Series is available in White WR-7100 and Fluorescent Orange WR-7114 colors.

Restrictions, (installation and/or use):

Service temperature -10°F to +150°F

Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):

WR-7100 Series is used on plastic drums and other work zone devices that could benefit from higher day time and night time conspicuity. The WR-7100 Reboundable Series has a long track record of success in the industry due to its flexible composition and adhesion performance. Its unique microprismatic construction provides a high level of retroreflectivity for demanding traffic control situations. In addition, the retroreflective design is ideal for consistent luminance in construction work-zone applications. Provides higher efficiency with air-cell prismatic and fluorescent technology.

Specifications: (listing those applicable is required.)

- ☒ CDOT Standard Specification Section 713.10(b)
☐ AASHTO
☒ ASTM D 4956 Type IV including S2 reboundable for Work Zone application
☐ Other
☐ Other

☐ Certificate of Compliance

☐ Certificate of Verification

Product Testing: (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

- ☒ AASHTO PEAS (NTPEP) SSM-2012-01-068 and SSM-2012-01-069 (attached)
☐ ASTM
☒ Other Calcoast ITL-Avery Dennison WR-7100 Series D4956 IV Reboundable 200304-01Br1 Report
☐ Other
☐ Other

State DOT Approvals: INDOT, GADOT and more

Expiration Date 5 Year Cycle 04/02/2030

Sample Submitted ☐ Yes ☒ No ☐ N/A Safety Data Sheets (SDS): ☒ Yes ☐ No ☐ N/A

Alternate Product Category any ASTM D 4956 Type IV reboundable product

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature: