

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

Material code:

713.13.01.00

Material code description full name:

Traffic Control, Preformed Plastic Material

## PART 1

Product name: <b>380I ES White, 3M™ Stamark™ High Performance Tape</b>	Product category: <b>TC\PMMPreformed Plastic Tape, Type I, Permanent</b>
Product Representative (name & address): Attn: <b>Ted Denisuk</b>  <b>3M Company-Transportation Safety Division 3M Center, Building 225-4N St. Paul, MN 55144-1000</b>	Manufacturer (name & address): Attn: <b>Thanh-Huong Do</b>  <b>3M Company-Transportation Safety Division 3M Center, Building 235-3A-052 St. Paul, MN 55144-1000</b>
Phone: (303) 520-6754 E-mail: <b>tdenisuk@mmm.com</b>	Phone: (651) 733-2419 E-mail: <b>ttdo@mmm.com</b>
Web-site address: <b>www.3M.com/roadwaysafety</b>	Web-site address: <b>www.3M.com/roadwaysafety</b>

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

**3M™ Stamark™ High Performance Tape 380I ES** is a highly durable and conformable pavement marking tape.

**381IES** has abrasion-resistant microcrystalline ceramic beads bonded in a highly durable polyurethane topcoat. 3M's premium patterned design presents a near vertical surface to traffic which maximizes the retroreflectance of the tape. 380ES also has an embedded net which provides an increased tear resistance along with an improved pressure sensitive adhesive (PSA) package on bottom surface that allows for "Extended Season" applications down to 40°F.

**Restrictions,** (installation and/or use):

Per 3M recommendation on the attached product bulletin or Information folder

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

For Longitudinal markings on sun-bleached, light-colored ACC or PCC surfaces where greater contrast and increased brightness is required.

**Benefits to CDOT,** (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):

3M's premium patterned design allows for highly durable, abrasion-resistant microcrystalline ceramic bead, excellent initial and retained reflectivity and 48 month warranty for longitudinal applications. "Extended Season" adhesive allows for year round application down to 40° F within application guidelines.

**Specifications:** (listing those applicable is required)

☒ CDOT : Standard Specification Section 627 & 713.13 Type I

☒ ASTM : D4505 SKID RESISTANCE LEVEL A

☐ AASHTO :

☐ FHWA :

☐ other :

☐ Certificate of Compliance (COC) provided

☐ Certificate of Verification (COV) provided for select categories ONLY

**Product Testing:** (National/independent laboratories or universities with Report Date,) **Certified Test Report** (CTR) provided to validate all claims.

☒ NTPEP-AASHTO: PMM-2017-01-081 (12 month test data are available on NTPEP Datamine website)

☐ FHWA :

☒ other : CERTIFIED TEST REPORT FROM FUTURE LABS (attached)

☐ other :

☐ other :

**State DOT Approvals,** (current documentation required): CO

Expiration Date **5 Yrs / 03/03/2026**

Sample submitted: ☐ yes ☒ no ☐ n/a

Safety Data Sheets (SDS): ☐ yes ☐ no ☒ n/a

Alternate Product Category:

Additional Comments:

This is a re-submission form of 3M 381IES white pavement marking tape that is currently approved under CO DOT APL reference number 2220-13.