

**Pre-Approved Product Evaluation Request & Summary****4207-25**

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

Material Code

**705.01.02.00**

CDOT Use Only

Material Code description full name

**Joint Filler, Preformed**

CDOT Use Only

Product category:

**Sealant [Joint & Crack]\Pre-Formed Joint Filler**

Manufacturer (name &amp; address):

**Nomaco, Inc.**

**501 Innovative Way  
Zebulon, NC 27597**

Product Name:

**Nomaflex**

Product Representative / Distributer (name &amp; address):

**Larry Weimer**

**501 Innovative Way  
Zebulon, NC 27597**

Phone: **(252) 969-2970** E-mail: **lweimer@nomaco.com**Web-site address: **www.nomaco.com**Phone: **(252) 969-2970** E-mail: **lweimer@nomaco.com**Web-site address: **www.nomaco.com****Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

A semi-rigid, non-extruding, resilient type, closed-cell polypropylene foam, preformed joint filler for concrete construction that complies with the following physical properties.

Physical Property	Requirement	Test Method
Water Absorption(volume %)	<1.0%	AASHTO T 42/ ASTM D545
Compression Strength	35-50 psi	AASHTO T 42/ ASTM D545
Compression Recovery	>80%	AASHTO T 42/ ASTM D545
Extrusion	<0.1 in.	AASHTO T 42/ ASTM D545
Density	>3.5 lbs./cu.ft.	AASHTO T 42/ ASTM D545
Heat Resistance @ 392+/-5	<1.0% shrinkage	ASTM D 5249

**Restrictions, (installation and/or use):****Nomaflex can be used with hot-pour sealants, with high temperature limit of 400° F.****Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):**

Nomaflex is used as an expansion joint filler for concrete sidewalks, driveways, curbs & gutters, medians, roadways, and other concrete structures. Nomaflex will not absorb water, easily break, leach asphalt, impede sealant cure times or discolor the sealant. Nomaflex is chemical resistant, easier to handle, and forms to curves while maintaining rigidity. Due to durability in use and ease of installation, Nomaflex will save money in both installation and long term maintenance costs.

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

- ☒ CDOT : Section 705.01 (b)
- ☒ ASTM : Compliance with ASTM D8139 and partial compliance with ASTM D1751 and ASTM D1752
- ☒ AASHTO : Compliance with ASTM D8139 and partial compliance with AASHTO M213 and AASHTO M153
- ☐ FHWA :
- ☐ other :
- ☒ Certificate of Compliance (COC) provided ☐ Certificate of Verification (COV) provided for select categories

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

- ☒ AASHTO-PEAS (NTPEP) : **APRL Testing 2016**
- ☐ FHWA :
- ☒ other : **Nelson Testing Laboratory 2018**
- ☐ other :
- ☐ other :

State DOT Approvals: **The majority of the US States****Expiration Date 5 Year Cycle 05/12/2030**Sample Submitted ☐ Yes ☒ No ☐ N/A Safety Data Sheets (SDS): ☒ Yes ☐ No ☐ N/A

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature:

CDOT use Only