

PRODUCT DATA SHEET SUPERFLEX HT

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READ BEFORE USING THIS PRODUCT

GENERAL Crafco Superflex HT sealant is a hot-applied asphalt based product used to fill cracks in asphalt concrete or Portland cement concrete pavements in moderate to very hot climates. Superflex HT is supplied in solid form which when melted and properly applied forms an adhesive and flexible compound that resists cracking in the winter and is highly resistant to tracking or pick-up by vehicle tires in hot climates. Superflex HT is used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature, Superflex HT is a low viscosity, self-leveling product which easily penetrates narrow cracks. Superflex HT can be melted in jacketed double type melting units, or in small direct bottom fired types of melters. Both melter types must have sufficient agitation and temperature indicating devices to assure that the material is heated to and maintained within the specified application temperature range of 380° to 400°F (193 to 204°C). VOC = 0 g/l.

USAGE GUIDELINES Superflex HT is applicable for Filler/Overband Use in moderate to very hot climates with high and low pavement temperatures identified in the chart. Pavement temperatures for the project location are determined at 98% reliability using FHWA LTPPBind V 3.1, and sealant or filler use is determined following Crafco Product Selection procedures.

Applicable Pavement Temperatures

64 70 76 82 Low Temperature (°C) -10 -16

High Temperature (°C)

-22 -28 -34 40

Filler / Overband Use

SPECIFICATION CONFORMANCE Crafco Superflex HT meets the following requirements when heated to the maximum heating temperature in accordance with ASTM D5167:

Tests

Softening Point (ASTM D36) Flexibility, 1/8" (3.2 mm) specimen, 90° bend, 10 sec., 1" (25mm) mandrel (ASTM D3111 modified) Cone Penetration (ASTM 5329) Flow, 140 °F (60 °C), 5 hr. (ASTM D5329) Elongation 77°F (25°C) (ASTM D412 die C) Opening to Traffic Time Maximum Heating Temperature Application Temperature Range

Specification Limits

210°F (99°C) min.

Pass at 0°F (-18°C) 45 max. 0 mm. 1000% min. 30 minute max. 400°F (204°C) 380-400 °F (193-204 °C)

INSTALLATION The unit weight of Crafco Superflex HT is 9.2 lbs./gal. (1.10 kg/L) at 60 °F (15.5 °C). Prior to use, the user must read and follow Installation Instructions for Superflex Sealants to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of sealant

Product is supplied in either cardboard boxes, or in meltable, boxless PLEXI-melt packaging. Both package types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are interlock stacked on 48 x 40 in. (122 x102 cm) 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

- o BOX packaging consists of cardboard boxes containing approximately 30 lb. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lb. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- PLEXI-melt packaging consists of 30 lb. (13.6 kg) blocks of product with 70 packages per pallet, weighing 2100 lb. (952 kg). To use, the pallet wrap is removed, and individual blocks are placed in the melter. There are no cardboard boxes or other cardboard components to open, empty, handle, or dispose of. PLEXI-melt packaging quickly melts into the product without affecting specification conformance.

CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, Crafco shall not be responsible for improperly applied or misused products. Remedies against Crafco, Inc., as agreed to by Crafco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafco, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafco. Inc. whichever is earlier. There shall be no other warranties expressed or implied. For optimum performance, follow Crafco recommendations for product installation.