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## PRODUCT DATA SHEET

### SUPERFLEX HT

PART NO. 34533

JUNE 2011

#### READ BEFORE USING THIS PRODUCT

**GENERAL** Crafco Superflex HT is a hot-applied asphalt based product used to fill cracks in asphalt concrete or portland cement concrete pavements in moderate to 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 pavement temperature performance limits are 82-16 for crack filling. Usage recommendations are shown in Crafco pavement temperature grade charts shown at the right. Refer to Crafco Product Selection Procedures to determine sealant or filler use and pavement temperature grades.

	Suited for Use
	Recommended
	Performance Limits
	Not Recommended

		High Temperature Grade (°C)				
Low Temperature Grade (°C)	°C	58	64	70	76	82
	-4					
	-10					
	-16					
	-22					
	-28					
	-34					
	-40					
	-46					
Pavement Temp for Filler Usage						

**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 90° Bend, 1" (25mm) mandrel  
Cone Penetration, 77°F (25°C) (ASTM 5329)  
Flow, 140°C (60°C), 5 hr. (ASTM D5329)  
Elongation 77°F (25°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 9.1 lbs./gal. (1.09 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Superflex Sealants (January 2008) 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 product

**PACKAGING** Packaging of Crafco products consists of individual boxes of products which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the product. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18 kg) and pallet weights do not exceed 2,880 lbs. (1310 kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm<sup>2</sup>) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet, and a minimum of two layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

**WARRANTY** CRAFTCO, Inc. warrants that CRAFTCO 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.