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READ BEFORE USING THIS PRODUCT

GENERAL

Crafco PolyFlex Type 1 sealant is a hot-applied, asphalt-based product used to fill cracks and joints in asphalt or Portland cement concrete pavements in moderate to cold climates. PolyFlex Type 1 is supplied in solid form which when melted and properly applied forms a highly adhesive and flexible compound that resists cracking in the winter and resists flow at summer temperatures. PolyFlex Type 1 is used in highway, street, and airfield pavements and is applied to pavement cracks using pressure feed Melter applicators or pour pots. At application temperature PolyFlex Type 1 is a medium viscosity product which flows and penetrates cracks. PolyFlex Type 1 is formulated as an economical yet effective pavement maintenance crack filling product. Compared to products based on reclaimed rubber, PolyFlex Type 1 offers lower viscosity for easier application, improved summer temperature pick-up resistance, quicker set-up times and improved low temperature flexibility. PolyFlex Type 1 has been a top performing quality Crafco product for over 25 years and several states have adopted specifications based on the performance of PolyFlex Type 1. VOC = 0 g/l.

SPECIFICATION CONFORMANCE

The Crafco recommended specification limits for PolyFlex Type 1 when heated in accordance with ASTM D5078 to the maximum heating temperature are as follows:

<u>Test</u>	<u>CRAFCO Recommended Specifications</u>
Cone Penetration (ASTM D5329)	50-70
Resilience (ASTM D5329)	40% min.
Softening Point (ASTM D36)	190 °F (88 °C) min.
Ductility, 77 °F (25 °C) (ASTM D113)	30 cm min.
Flexibility, 1/8" (3.2 mm) specimen, 90° bend	
10 sec., 1" (25 mm) mandrel (ASTM D3111 Modified)	Pass at 0 °F (-18 °C)
Flow, 140 °F (60 °C), 5 h, (ASTM D5329)	3 mm max.
Viscosity, 400 °F (204 °C) (ASTM D2669)	100 Poise max.
Asphalt Compatibility (ASTM D5329)	Pass
Bitumen Content (ASTM D4)	60% min.
Tensile Adhesion, 1" (25.4 mm) thickness (ASTM D5329)	500% min.
Maximum Heating Temperature	400 °F (204 °C)
Recommended Application Temperature	380 °F (193 °C)

INSTALLATION

The unit weight of Crafco PolyFlex Type 1 is 10.0 lbs. per gallon (1.20kg/L) at 60 °F (15.5 °C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products 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

Product is supplied in either cardboard boxes, or in meltable boxless 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 x 102 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 30 lbs. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lbs. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- o **Meltable** packaging consists of approximately 30 lbs. (13.6 kg) completely meltable packages that are interlock stacked on pallets. To use, the pallet wrap is removed, and individual blocks are placed in the Melter. There are no individual cardboard boxes to open, empty, handle, or dispose of. Meltable packaging quickly melts into the product without affecting specification conformance. Meltable packaged sealant products are sold by the pallet only and individual packages are not indented for sale. For more details on meltable packaging go to <https://crafco.com/materials-documentation/>

WARRANTY

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.**