



6165 W. Detroit St. • Chandler AZ 85226
 1-800-528-8242 • (602) 276-0406 • FAX (480) 961-0513
 www.crafco.com

PRODUCT DATA SHEET

POLYFLEX 525

PART NO. 34525

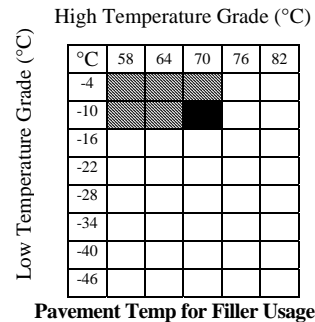
JANUARY 2008

READ BEFORE USING THIS PRODUCT

GENERAL CrafcO PolyFlex 525 is a hot-applied asphalt based product used to fill cracks in asphalt or portland cement concrete pavements in hot climates. PolyFlex 525 is supplied in solid form which when melted and properly applied forms an adhesive and flexible compound that resists cracking in the water and is resistant to flow and pick-up at summer temperatures. PolyFlex 525 is used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using pressure feed melter applicators or pour pots. At application temperature, PolyFlex 525 is a medium viscosity product which flows and penetrates cracks. PolyFlex 525 is formulated as an economical yet effective pavement maintenance crack filling product. Compared to products based on reclaimed rubber, PolyFlex 525 offers lower viscosity for easier application, improved summer temperature pick-up resistance, quicker set-up times and improved low temperature flexibility. VOC = 0 g/l.

USAGE GUIDELINES PolyFlex 525 pavement temperature performance limits are 70-10 in 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.

	Not Recommended
	Performance Limits
	Recommended
	Suited for Use



SPECIFICATION CONFORMANCE PolyFlex 525 sealant is specifically formulated and produced to meet Maricopa County Department of Transportation Section 316 specification requirements for Crack sealant as follows:

<u>Test</u>	<u>Maricopa County 316 Specification Limits</u>
Cone Penetration (ASTM D5329)	25-40 dmm
Resilience (ASTM D5329)	30% min.
Softening Point (ASTM D36)	200°F (93.3°C) min.
Brookfield Viscosity @ 375°F (191°C)	40-90 Poise
Ductility, 77°F (25°C) (ASTM D113)	15 cm min.
Asphalt Compatibility (ASTM D5329)	Pass
Bitumen Content (ASTM D4)	60% min.
Rubber Content, (by asphaltic components)	18% min.
Flash Point, COC	450F (232C) min
Maximum Heating Temperature	400°F (204°C)
Minimum Application Temperature	380°F (193°C)

INSTALLATION The unit weight of PolyFlex 525 is 10.0 lbs. per gallon (1.20 kg/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 Packaging consists of individual boxes of product 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. (18kg) and pallet weights do not exceed 2,880 lbs. (1310kg). 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/cm²) 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 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.**