



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

PRODUCT DATA SHEET

FIBER ASPHALT 519

PART NO. 34519

JANUARY 2008

READ BEFORE USING THIS PRODUCT

GENERAL Crafco Fiber Asphalt 519 is a fiber modified, hot-applied asphalt based product used to fill cracks in asphalt concrete pavements in moderate climates. Fiber Asphalt 519 is supplied in solid form which when melted and properly applied forms a highly adhesive compound that strongly bonds to pavement cracks. Fiber Asphalt 519 can be used in highway pavements. It should be applied to pavement cracks using pressure feed melter applicators. At application temperature, Fiber Asphalt 519 is a high viscosity, non self-leveling product. Since Fiber Asphalt 519 is a plant blended product, problems associated with field blending of fibers are eliminated. Fiber Asphalt 519 is not recommended for use in parking lots or other areas with high levels of foot traffic. Fiber Asphalt 519 has been a quality Crafco product for 20 years. VOC = 0 g/l.

USAGE GUIDELINES Fiber Asphalt 519 pavement temperature performance limits are 58-10 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 Fiber Asphalt 519 contains 5 +/- 1/2% by weight of polyester fibers uniformly blended with PG 64-22 (AC-20) grade asphalt cement. Fiber properties are as follows:

Type	Polyester
Denier	3 to 5
Length	1/4 inch (6.4 mm)
Specific Gravity	1.38
Melt Temperature	478 to 490°F (248 to 254°C)
Tensile Strength	78,000 to 88,000 PSI (53708 to 60,532 N/cm²)
Elongation at Break	35-38%

The recommended specification for Fiber Asphalt 519 when heated to 400°F (204°C) according to ASTM D5167 is:

Test	Recommended Specification
Cone Penetration, 77°F (25°C) (ASTM D5329)	15-35
Softening Point, (ASTM D36)	175°F (79.4°C) min.
Flexibility, 30°F (-1°C) (ASTM D 3111 Modified)	Pass
Minimum Application Temperature	350°F (177°C)
Maximum Heating Temperature	400°F (204°C)
Asphalt Compatibility	Pass

INSTALLATION The unit weight of Crafco Fiber Asphalt 519 is 8.5 lbs. per gallon (1.02 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Poly-Fiber, Fiber Asphalt and High Slope 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. (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/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 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 sealant installation.**