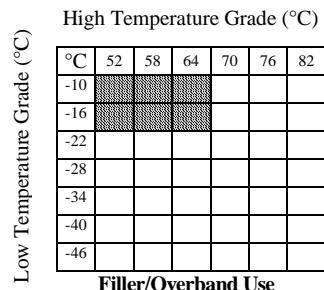
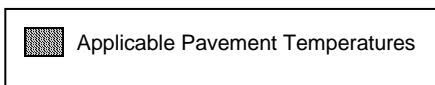


6165 W Detroit St. • Chandler AZ 85226  
 +1 (602) 276-0406 • +1 (800) 528-8242 • FAX +1 (480) 961-0513  
 www.crafco.com

**READ BEFORE USING THIS PRODUCT**

**GENERAL** Crafcro Poly-Fiber 544 is a single hot-applied fiber modified asphalt based product used to fill cracks in asphalt concrete pavements in moderate climates. Poly-Fiber 544 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. Poly-Fiber 544 is used in highway, street and airfield pavements and is applied to pavement cracks using pressure feed melter applicators. At application temperature Poly-Fiber 544 is a highly viscous, non self-leveling product. It is designed to be installed as a simple overband or Band-Aid configuration that can be applied as a stand-alone treatment or prior to chip seal, slurry seal and micro surface treatments. The asphalt base used in Poly-Fiber 544 is polymer modified which improves both low and high temperature properties compared to fiber type products using non-modified asphalts. Since Poly-Fiber 544 is a plant blended product, problems associated with field blending of fibers are eliminated. VOC = 0 g/l.

**USAGE GUIDELINES** Poly-Fiber 544 is applicable for Filler/Overband used in moderate climates with low and high pavement temperatures identified in the charts. 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 the Crafcro Product Selection Procedures.



**SPECIFICATION CONFORMANCE**

Crafcro Poly-Fiber 544 contains polyester fibers blended with high quality modified asphalt cement:

**Fiber**

Type  
 Denier  
 Length  
 Specific Gravity  
 Melt Temperature  
 Tensile Strength  
 Elongation at Break

**Properties**

Polyester  
 3 to 5  
 1/4 inch (.6cm)  
 1.38  
 478°F – 490°F (248°C – 254°C)  
 78,000 - 88,000 PSI (53708 - 60632 N/cm<sup>2</sup>)  
 35 - 38%

Specification limits for Crafcro Poly-Fiber 544 modified asphalt base sealant when heated in accordance with ASTM D5078 are:

**Test**

Cone Penetration, 77°F (25°C) (ASTM D5329)  
 Resilience (ASTM D5329)  
 Softening Point (ASTM D36)  
 Ductility 77°F (25°C) (ASTM D113)  
 Flexibility (ASTM D3111 Modified)  
 Flow, 140°F (60°C) (ASTM D5329)  
 Brookfield Viscosity, 400°F (204°C) (ASTM D2669)  
 Asphalt Compatibility (ASTM D5329)  
 Bitumen Content (ASTM D4)  
 Tensile Adhesion (ASTM D5329)  
 Maximum Heating Temperature  
 Minimum Temperature

**Specification Limits**

35-55  
 40% min.  
 200°F (93°C) min  
 30cm min  
 Pass at 20°F (-7°C)  
 3 mm max.  
 100 Poise max.  
 Pass  
 60% min.  
 500% min.  
 400°F (204°C)  
 380°F (193°C)

**INSTALLATION**

The unit weight of Crafcro Poly-Fiber 544 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 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**

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.

- **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.

**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, Crafcro shall not be responsible for improperly applied or misused products. Remedies against Crafcro, Inc., as agreed to by Crafcro, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcro, 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 Crafcro, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcro recommendations for product installation**