



# RP POLYFIBER FIRM

234 HARVESTORE DRIVE · DEKALB, IL 60115  
 P: 888.755.5700 · F: 815.754.5702  
 WWW.RIGHTPOINTE.COM

No Box: 2299-111  
 Boxed: 2199-111  
 October 2018

**DESCRIPTION:** RP POLYFIBER FIRM HOT APPLIED SEALANT is formulated with selected polymer modified asphalts and polyester fibers in a proprietary blend consisting of a minimum 5% fibers by weight. Polyester fibers are high modulus low shrinkage fibers for use in industrial hot melt applications calling for high performance reinforcement. Polyester fibers demonstrate excellent dimensional, thermal and chemical stability, virtually no moisture absorption, high strength, outstanding abrasion resistance, tenacity and toughness. Pretreated in an adhesive activated version for excellent mixing and application of hot melt rubber systems.

- Superior bonding characteristics
- Passes multiple freeze and thaw cycles
- Perfect for overband applications

**SPECIFICATIONS:** RP POLYFIBER FIRM meets the requirements of several state and local overband specifications

**TYPICAL PROPERTIES**

Recommended Pour Temperature .....370 - 390 °F  
 Maximum Heating Temperature ..... 400 °F  
 Density..... 9.0 lbs./gal  
 Penetration at 25 °C ..... 25 - 45  
 Softening point ..... 195 °F  
 Ductility at 25 °C ..... 10 cm min.  
 Asphalt Compatibility ..... Compatible  
 Flexibility, 1" 90° ..... Pass at -20 °F

**PHYSICAL PROPERTIES OF POLYESTER FIBERS**

Length.....1/4"  
 Crimps (D 3937).....None  
 Tensile strength (D2256).....78,000 – 88,000 PSI  
 Denier (D1577)..... 3.0 to 5.0  
 Specific gravity..... 1.38  
 Melting temperature..... 478 - 490 °F  
 Elongation at break.....35 – 38%

**EQUIPMENT:** Use an agitated, oil-jacketed unit that has separate temperature gauges for both the sealant and the heat transfer fluid. Take the plastic bag of sealant and load into the kettle one at a time. Melt only enough material for the day's activities. Once melted, additional material can be added as needed. Material can be safely reheated within the sealants service life. NOTE: Prolonged heating of the sealant above the maximum safe heating temperature may cause it to gel in the kettle.

**JOINT PREPARATIONS:** To facilitate proper adhesion, the joint or crack should be dry and clear of any dirt, dust, or other contaminants. Substrate and ambient temperatures must be 40 °F or above. Proper sizing of the joint will cause the maximum extension/compression to not exceed 50% of the width. Joints or random cracks of 1/4" or less are difficult to properly clean prior to applying the sealant.

**SERVICE LIFE:** The service life when heated to application temperature is approximately 12 hours. Adding fresh material to the melter as sealant is being used will extend the service life. Product shall be agitated during installation. Any material that has exceeded the service life should be removed from the melter and discarded.

**PACKAGING:**

Type	lbs. per unit	Units per Pallet	lbs. per Pallet	Our patented <b>No Box</b> packaging allows faster melting and less handling of each 30 lb unit. This enables contractors to focus on productivity in a safer environment.
No Box	30	65	1,950	
Boxed	35	60	2,100	



**LIMITED WARRANTY:** Every reasonable effort is made to apply RIGHT/POINTE, LLC exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, RIGHT/POINTE, LLC MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and RIGHT/POINTE, LLC shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the RIGHT/POINTE, LLC Technical Director.