

# Speed Wrap® FST

## Pipe Insulation



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### Hydrophobic Fiberglass | Reusable Virtually Dust Free | Easy to Install

- Velcro-style hook and loop fastening system for easy installation and reusability
- Quickly access and repair critical systems without purchasing new insulation
- For use with process temperatures up to 500°F
- Ideal for most pipe insulation applications including process piping, burn protection, heat traced piping, plus many more
- Hydrophobic to repel water unlike traditional fiberglass
- Virtually dust free when compared to most other hydrophobic insulation options



### Thermal Conductivity

Mean Temp (°F)	32°	212°	392°
k-value (BTU-in/hr-ft <sup>2</sup> -°F)	0.23	0.30	0.39

### Physical Properties

Thickness <sup>1</sup>	8mm or 16mm
Material Form	Straight lengths and individual fitting covers
Max. Use Temp.	500°F
Color	Gray
Hydrophobic	Yes
Density <sup>2</sup>	9 to 12 lb/ft <sup>3</sup>

<sup>1</sup>Nominal Value. Thickness may vary.

<sup>2</sup>Refers to only the insulating material.

### Handling

Speed Wrap FST straight pipe insulation can be cut to length using a utility knife or scissors. Speed Wrap FST for fittings are direct fit and do not require modification prior to install. Gloves, safety glasses, and dust masks are recommended when handling. See SDS for complete health and safety information.

### Performance Data

Test Procedure	Property	Results
ASTM E84	Surface Burning Characteristics	Flame Spread Index = 0 <sup>†</sup> Smoke Developed Index = 0 <sup>†</sup>
ASTM C 1101	Classifying Flexibility	Resilient Flexibility <sup>†</sup>
ASTM C 356	Linear Shrinkage Under Soaking Heat	<2% @1200°F <sup>†</sup>
ASTM C 795	Insulation for Use over Austenitic Stainless Steel	Passed <sup>†</sup>
ASTM C 1104	Water Vapor Sorption	<1% by weight <sup>†</sup>
ASTM C 1511	Liquid Water Retention After Submersion	<5% (after heat treatment) <sup>†</sup>

<sup>†</sup>Based on technical information from the insulation manufacturer. Not tested with silicone coated fiberglass cloth or polyester hook and loop.