



RIGIDFLEX® INSULATION

Description

Rigidflex is made from fiberglass insulation board and provides superior compressive strength VS typical fiberglass pipe insulation. The insulation is adhered with the end grain perpendicular to the jacket providing a flexible product that is easily wrapped around pipe (including heat tracing), tanks, flanges, valves and irregularly shapes such as grouped pipe runs. The high compressive strength yields a durable, abuse resistant product. The roll lengths makes dealing with large diameter pipe a quick and easy process, simply cut to the required length. This eliminates potential delays associated with long lead times for uncommon, large pipe sizes. The enhanced ASJ (all service jacket) provides a wrinkle resistant, durable and cleanable surface that doesn't support mold or mildew. An alternate FSK (foil, scrim, kraft) facing also available.

Features and Benefits

- The perpendicular fiber orientation provides superior compressive strength, durability and abuse resistance for extended service life.
- The enhanced ASJ finish provides a wrinkle resistant, cleanable finish with better overall appearance.
- Eliminates the long lead times typically associated with uncommon, large pipe sizes to meet demanding schedules.
- One size fits all solution reduces stocking requirements.
- Components are Class A rated per ASTM E84 for fire safety.

Availability

Typical 5-7 days ARO

Standard Roll Size: (3' Wide)

Thickness	SF/ Roll
1"	126
1 1/2"	81
2"	60
2 1/2"	45
3"	38
3 1/2"	30
4"	30

Rigidflex Insulation is available through our North American network of SPI locations.

Additional product information at www.spi-co.com



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Performance Compliance Data

Operating temperature Range: Per ASTM C411 0° - 650°F
Surface Burning Characteristics: per ASTM E84, Components: Flame Spread 25, Smoke Developed 50

Compressive Strength: per ASTM C165, at 10% deformation, 125 lb/ft²

Thermal Conductivity

Mean Temp. °F	K (Btu*in/hr*ft ² *°F)
75	0.27
100	0.29
150	0.33
200	0.38
250	0.43
300	0.49
350	0.55

Standards, Codes Compliance

ASTM C1393, Standard Specification for Perpendicular Oriented Mineral Fiber Roll and Sheet Thermal Insulation for Pipes and Tanks, Types I and II, Category 1

SCS Certified: Contains an average 53% recycled glass content

Jacket Permeance: per ASTM E96, 0.02 Perm

Jacket Temperature Limitation: per ASTM C1136, -20°F to 150°F

*Technical data provided by component material manufacturers.



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