



SPECIALTY PRODUCTS & INSULATION CO.

POLYISOCYANURATE PIPE INSULATION

DESCRIPTION

Polyisocyanurate Insulation is a closed cell rigid foam which combines light weight and strength with exceptional thermal insulating qualities. This material is available as sectional pipe covering, complete with a vapor barrier jacket, as well as sections for fittings; and board and segments for equipment and large vessels.

USES

For use on piping, fittings, equipment and vessels operating in the temperature range of -297°F to +300°F. For applications above 250°F or below -140°F, contact your local SPI Fabrication Center for system recommendations.

ADVANTAGES

High Temperature Service - Polyisocyanurate insulation does not soften or lose its strength at elevated temperatures within the recommended use limits.

Solvent Resistant - Since most commercial solvents have no appreciable effect on Polyisocyanurate, there is a wide choice of adhesives and coatings that have been found suitable for bonding and finishing this material.

Low Thermal Conductivity - Pre-curing at the factory provides consistent physical properties.

Easy Installation - Its light weight and ease of adherence to a variety of surfaces makes it easy to apply.



PERFORMANCE

Density, lbs/cu ft (nominal)	2.05
Thermal conductivity, BTU/hr sq ft °F	
At 75 °F Mean Temperature	
Initial	.141
Not to Exceed	.190
Compressive Strength, psi	
Parallel	24
Perpendicular	13 - 24
Water Absorption, % by Volume	.15
Closed Cell Content, %	92
Flame Spread (1" through 6")	25
Smoke Generation (1")	55 - 80
Smoke Generation (2" through 6")	90

Performance and Use Data is based on fabrication of Trymer® 2000 as manufactured by Dow Chemical Company K Factor may vary with age and use conditions.

Trymer is a registered trademark of the Dow Chemical Company.

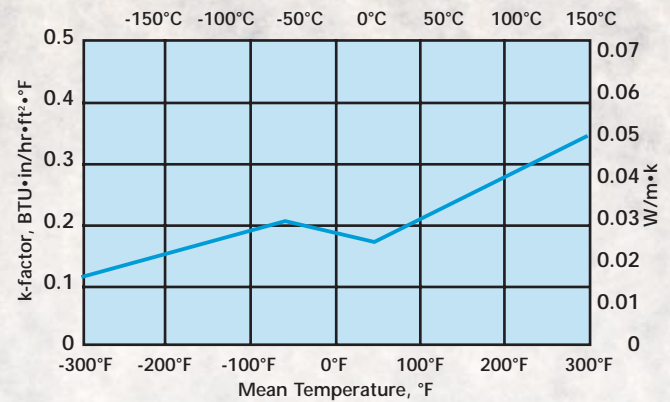
COMPLIANCE

D1622	Density
C518	K-Factor
C518	R-Value, 1 inch
D1621	Compressive Strength
C272	Water Absorption
E96	Water Permeability
D2126	Dimensional Stability
E84	Flammability
Service Temperature, °F	-297° to +300°
Service Temperature, °C	-183° to +149°

*Technical data included herein is as provided
by respective manufacturers.*

INSULATION EFFICIENCY

K-factor of Trymer® Brand Insulation



Warranty Disclaimers and Liability Limitations. The purchaser / user is advised to consult with the appropriate professionals and to read the manufacturer's product information to determine the adequacy or appropriateness of the product for the use intended.

Refer to the back of the SPI invoice for SPI's Warranty Disclaimers and Liability Limitations. These provisions generally include, without limitation, a disclaimer of all warranties other than, to the extent assignable, an assignment of any manufacturers' warranties and limitation of remedies to repair or replacement.



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directory for your nearest location, or visit
www.spi-co.com/servicecenterdirectory.mv***