



SEARCH

## Mechanical Insulation Solutions

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### Trymer™

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## Trymer™



**Trymer™** polyisocyanurate pipe insulation is a closed-cell, high-performance insulation for pipe, vessel, equipment and duct applications. Dow offers a complete line of **Trymer** pipe insulation products in a selection of densities and compressive strengths. **Trymer** pipe insulation features one of the lowest ambient k-factors among all pipe insulations: 0.19 BTU·in/hr·ft<sup>2</sup>·°F at 75°F mean temperature (0.027 W/m·°C at 24°C) and can be used over a broad temperature range from -297°F to 300°F (-183°C to 148°C).

In addition to superior thermal conductivity (low k-factor and high R-value), **Trymer** polyisocyanurate pipe insulation products feature:

- Very good flame spread/smoke developed performance
- Closed-cell and non-fibrous structure
- Exceptional moisture resistance (to both liquid and vapor)
- Strength and durability
- Fabrication ease
- Ease of installation and maintenance
- Effective coverage of elbows and fittings
- Long life span
- Low initial and life-cycle cost
- Excellent chemical resistance
- Hydrocarbon blowing agents, which have no ozone-depletion potential

To learn more about a particular **Trymer** pipe insulation product, select from the table below.

Product	Color	Density, pcf (kg/ m <sup>3</sup> )	Compressive Strength, psi (kPa)	Flame Spread/ Smoke Developed	Permeability, perm-inch (ng/ Pa-s-m)
<b>ASTM Test Method</b>		<b>D1622</b>	<b>D1621</b>	<b>E84</b>	<b>E96</b>
<a href="#">Trymer™ 1600</a>	Gray	1.65 (26.4)	17 (117)	NA	4.0 (5.8)
<a href="#">Trymer™ 1800</a>	Gray	1.80 (28.8)	25.0 (172.3)	25/450 up to 6" (15 cm) thickness	4.0 (5.8)
<a href="#">Trymer™ 2000 XP</a>	Blue	2.05 (32.8)	25.0 (172.3)	25/50 for ≤ 1" (2.5 cm) thickness; 25/55 for ≤ 1.5" (3.75 cm) thickness	4.0 (5.8)
<a href="#">Trymer™ 2500</a>	Dark Blue	2.5 (40.0)	39.0 (268)	25/450 up to 6" (15 cm) thickness	3.0 (4.6)
<a href="#">Trymer™ 3000</a>	Dark Blue	3.0 (48.0)	65.0 (450)	25/450 up to 6" (15 cm) thickness	3.0 (4.6)
<a href="#">Trymer™ 4000</a>	Natural (Tan)	4.0 (64.0)	95.0 (655)	25/450 up to 6" (15 cm) thickness	2.9 (4.4)
<a href="#">Trymer™ 6000</a>	Natural (Tan)	6.0 (96)	140 (970)	25/450 up to 6" (15 cm) thickness	1.1 (1.6)

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**Trymer™**

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### Trymer™ 2000 XP

**Trymer™ 2000 XP** polyisocyanurate pipe insulation is a polyurethane modified polyisocyanurate cellular plastic supplied in the form of bunstock. It can be fabricated into sheets, pipe shells and other shapes for a variety of thermal insulation applications.

**Trymer 2000 XP** insulation is suitable for applications that require a flame spread index of 25 or less and smoke developed index of 50 or less when tested per ASTM E84 (insulation thickness up to and including 1 inch or 2.5 cm) and a smoke developed index of 55 up to and including 1.5 inches or 3.75 cm. At thicknesses of 1 inch (2.5 cm) or less, **Trymer 2000 XP** pipe insulation is safe for use as pipe or duct insulation in a return air plenum.

**Dow is the only polyisocyanurate manufacturer to achieve a third-party 25/50 listing.**

**Note:** *The local code inspector or other authority having jurisdiction is the ultimate interpreter of the code. Dow can work with code officials to discuss the use of **Trymer 2000 XP** pipe insulation in your particular application.*

For more detailed information about **Trymer 2000 XP** pipe insulation, download the product information sheet or MSDS.

[TRYMER™ 2000 XP Insulation Product Information Sheet \(US Version\)](#) (88KB PDF)

[TRYMER™ 2000 XP Insulation Product Information Sheet \(Canada Version\)](#) (89KB PDF)

[MSDS for Trymer™ 2000 XP](#)

[Contact Us](#) for additional assistance.