



Hydrophobic Aerogel Pipe Wrap Insulation...

Ideal for Refineries, Chemical Plants, and Other Installations Where Heat, Cold, and Weather are Factors

Immediate Delivery from Stock of Full Rolls, Standard Length Pieces, and *UltraGard™* Precut Pipe Wrap

Easy to use, highly efficient hydrophobic, aerogel insulation offers a convenient way to replace damaged or missing insulation and keep energy costs down. We have aerogel insulation in full rolls, standard length pieces, and *UltraGard* precut pipe wrap. Both Pyrogel® XT for high/mid temperature and Cryogel™ Z for cryogenic/cold temperature environments are available for immediate delivery from stock.

Aerogels from PACOR provide several cost saving advantages over competitive insulation materials.

- Superior Thermal Performance—2 to 8 times better than competing insulation products
- Reduced Thickness and Profile—Equal thermal resistance at a fraction of the thickness
- Less Time and Labor to Install—Easily cut and conformed to complex shapes, tight curvatures, and spaces with restricted access
- Physically Robust—Soft and flexible but with excellent memory, aerogels recover thermal performance easily after compression events
- Shipping and Warehousing Savings—Reduced material volume, high packing density, and low scrap rates can reduce logistics costs by a factor of five or more compared to rigid, pre-formed insulations
- Simplified Inventory—Unlike rigid pre-forms, such as pipe covering or board, the same aerogel blanket can be fitted to any shape or design
- Environmentally Safe—Landfill disposable, shot-free, with no respirable fiber content
- Hydrophobicity—Outstanding resistance to moisture





Pyrogel®

Flexible Insulation for High Temperatures

Pyrogel is a high temperature insulation blanket formed of silica aerogel and reinforced with a non-woven, glass-fiber batting. Silica aerogels possess the lowest thermal conductivity of any known solid.

Pyrogel is ideal for insulating the tight spaces and complex shapes of today's automotive, aerospace, and other high temperature sectors. It can be used effectively on the curved surfaces and complex shapes of refining and petrochemical infrastructure, piping, vessels, tanks, and equipment.

Cryogel™

Flexible Insulation for Sub-Ambient and Cryogenic Applications

Cryogel is a flexible, nanoporous aerogel blanket insulation engineered to deliver maximum thermal protection with minimal weight and thickness. Unique properties, including extremely low thermal conductivity, superior flexibility, compression resistance, hydrophobicity, and ease of use, make Cryogel the ultimate in thermal protection for cryogenic applications.

Cryogel's extremely low thermal conductivity reduces heat gain and liquid boil-off. Its minimal weight and thickness help maximize tanker storage capacity, and its hydrophobic nature makes it resistant to condensate formation.

UltraGard™

Pre-Cut Aerogel Pipe Wrap Insulation

Pacor's *UltraGard* pre-cut aerogel insulation combines the best of both worlds. All the advantages of revolutionary aerogel insulation in an easy-to-use, pre-cut form for pipe wrap. Designed for the refinery and chemical processing industries, *UltraGard* Pipe Wrap insulation cuts energy loss and extends pipe rack efficiencies in piping systems. *UltraGard* Pipe Wrap is hydrophobic and it performs extremely well in high temperature and cryogenic environments.

UltraGard is available in both Pyrogel® XT for high temperature applications and Cryogel™ Z for cryogenic applications.

	Max Temp	Thickness	Length	Width
<i>UltraGard</i> Pyrogel XT	1200°F (650°C)	5 mm, 10 mm	59-1/2" nominal	1-1/2", 2", 3"
<i>UltraGard</i> Cryogel Z	194°F (90°C)	5 mm, 10 mm	59-1/2" nominal	1-1/2", 2", 3"
Cut		5 mm, 10 mm	5', 15', 45'	57-1/2" - 60" nominal
Roll		5 mm, 10 mm	*	59-1/2" nominal

*Pyrogel XT and Cryogel Z are available in full rolls or cut to order.

For Immediate Delivery from Stock Call 609-324-1100 or E-mail oem@pacorinc.com

Our Value Proposition

PACOR is an insulation specialist with over 85 years of experience. Providing a full and diversified line of products and services, we are committed to quick responsiveness and dedicated to quality and creative solutions

...and always service oriented.



INSULATION SPECIALISTS

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