

Cryo-Lite® Cryogenic Insulation

Description

Cryo-Lite is a fiber glass blanket made of high quality fine fibers bonded with a melamine resin. It has been specifically designed to meet the unique needs of cryogenic tank manufacturers.

Applications

Cryo-Lite is used to insulate cryogenic tanks containing liquefied gases, such as oxygen, nitrogen, argon, and helium. It provides maximum thermal protection with minimum weight.

Advantages

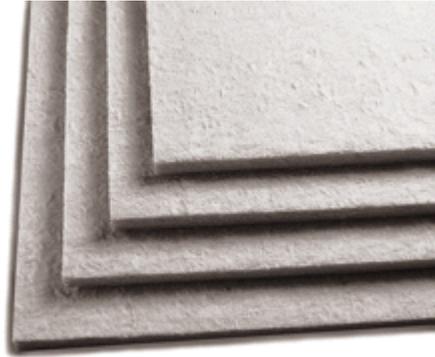
Cryo-Lite is certified to meet oxygen compatibility testing requirements as defined in Department of Transportation requirement MC-338. It exhibits low thermal conductivity and virtually no outgassing under typical cryogenic vacuum and temperature conditions.

Cryo-Lite's flexibility makes it easy to install. It can be cut to fit between tank supports or purchased already cut to specific widths.

In transport tankers, Cryo-Lite will not settle or compact in over-the-road service. Because of Cryo-Lite's low density and stability, tanker operators can trade insulation weight for larger payloads. Typical porous insulations such as perlite are as much as eight times heavier than Cryo-Lite.

Available Forms

Cryo-Lite is produced 1" thick at a nominal 1.0 pcf density. Standard rolls are 72" wide x 50' long. Special sizes may be available.



Type: Blanket
Temperature Limit: -450°F (-268°C)
and +450°F (232°C)

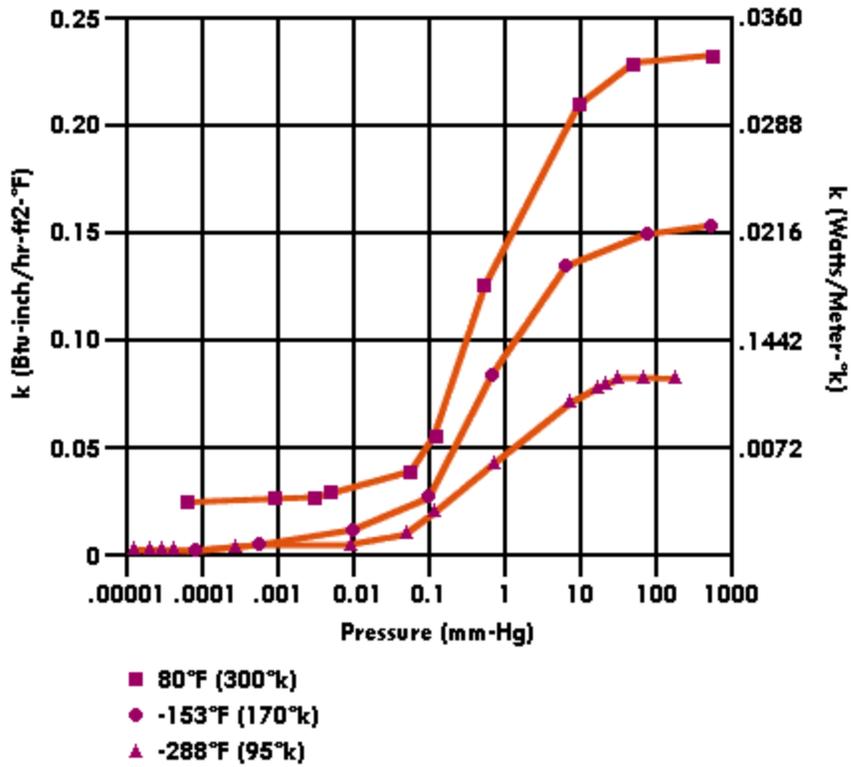
Applications

- Cryogenic Tanks
- Cryogenic Over-the-Road Tankers

Properties

- Light weight
- Fast Pump-Down Times
- Oxygen Compatibility
- Maximum Thermal Protection
- Stable, Nonsettling
- Excellent Handling
- Certified Performance

Vacuum Cryogenic Thermal Performance Cryo-Lite® (1.0 PCF)



Cryo-Lite® Tensile Strength (lbs./in.) (Per ASTM D 1682)

Direction	Strength
Length	1.2
Width	0.9

For additional information, contact the Johns Manville Product Information Center at www.jm.com or 1.800.654.3103.

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