

# TYPICAL PROPERTY SHEET

**CRYO-LITE®**  
CRYOGENIC INSULATION

## CRYO-LITE® CRYOGENIC INSULATION

### A Blanket of Protection for Cryogenic Tanks

Cryo-Lite®, a fiberglass blanket made of high-quality fibers bound with a melamine resin, is specially-engineered to meet the complex insulation needs of cryogenic vessel manufacturers. With a broad operating temperature range, this blanket is suitable for insulating stationary as well as mobile cryogenic tanks and rail cars. Cryo-Lite offers thermal protection along with:

- Excellent stability - Does not settle or compact in use
- Low thermal conductivity - Virtually no outgassing in typical cryogenic environment
- Low density - As much as 8x lighter than bulk-filled insulation
- Light weight - Allows for transport of larger payloads
- Easy installation and handling - easily cuttable and allows for hand assembly around the tank support area
- Fast pump down times - Up to 4 times faster than bulk-filled
- Meeting international and US DOT MC-338 (oxygen compatibility) requirements

### Applications

- Over-the-road tankers
- Rail cars
- Stationary storage tanks



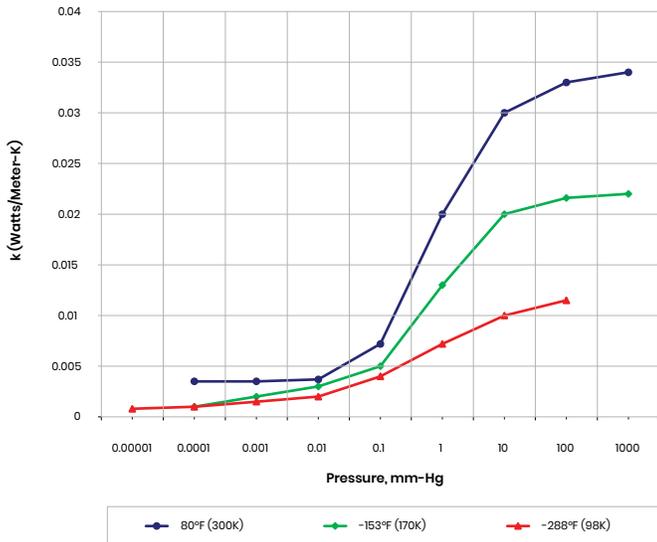
For cost-efficient insulation of cryogenic transport and storage tanks, trust Cryo-Lite®.

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## Cryo - Lite® Performance



Material	
Operating Temperature, °F (°C)	-450 (-268) - 450 (232)
Thickness, in (mm)	1 (25)
Density, pcf (kg/m³)	1 (16)

## Product Availability

Standard Product Sizes	
Standard Roll - Width, in (mm)	72.0 (1828.8)
Standard Roll - Length, ft (m)	50.0 (15.2)
Weight - Net, lbs (kg)	25.1 (11.4)

Note: All product data is nominal and does not represent a specification. All data and statements concerning these products may be considered as being indicative of representative properties and characteristics obtainable. We make no warranty, expressed or implied, concerning actual use or results because of industry specific influences.

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## Testing/Engineering Services

- Thermal imaging for performance validation
- Thermal conductivity for material characterization
- Thermal modeling for engineering solutions

### Alkegen

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