

## VAPOR-SEALTITE™

Vapor-SealTite™ is a vapor barrier membrane designed with zero permeability to protect cold to cryogenic insulation systems.

### Features

- 3 Layer, Composite Membrane – 0.5 mil Polyester / 1.0 mil Aluminum Foil / 0.5 mil Polyester
- Zero Permeability
- Polyester and Foil Ensures Puncture and Tear Resistance
- Available in Silver Foil Finish and White Finish to match ASJ, ASJ+, and PVC Jacketing
- Roll configurations: 23.5" x 500', 35.5" x 500', and 35.5" x 1000'

### Typical Applications

- Chilled Water Systems
- Ammonia
- Glycol
- LNG

### Installation

- Factory Applied to Insulation Systems
- Field Applied by Insulator
- Vapor-SealTite™ Tape Also Available to Seal Longitudinal and Circumferential Laps
  - High Performance Acrylic Adhesive System Designed for Cold Applications
  - Kraft Release Liner
  - Tape width: 2" x 150 Ft. and 3" x 150 Ft.

## Vapor-SealTite-HD™ Technical Properties

Membrane Property	Test Method	Results
Thickness	Micrometer	0.5 mil / 1.0 mil / 0.5 mil (Film Only) 2.4 Mils Total
Water Vapor Transmission Rate	ASTM E96-Procedure A	.00 grain/hr-ft <sup>2</sup> -inHg
Limit Low Service Temperature	ASTM D1790	-40°F
High Service Temperature	4 Hour Oven exposure	+250°F
Limit Humidity Resistance	ASTM C1258	Pass
Tensile Strength	ASTM C1136	27 lb/in (CD) 23 lb/in (MD)
Elongation	ASTM-882-02	50% (CD) 50% (MD)
Burst Strength	ASTM D 774	95 psi
Flame/Smoke	ASTM E-84	Meets 25/50
Weight	Scale/Balance	22.7 lbs per 1000 square feet
Dimensional Stability	ASTM D1204@150°F	<0.25% change
Mold and Mildew Resistance	ASTM C-1338	No Growth

All information presented in this document is based upon tests or experience GLT Products believes reliable. It is the responsibility of the user to evaluate this product and determine its suitability for use.

For more information on GLT Products, please visit us online at [www.gltproducts.com](http://www.gltproducts.com) or call toll-free at **1-800-874-1748**.



### HEADQUARTERS:

6810 Cochran Road | Solon, OH 44139 | 440.914.1122 | 440.914.1133 Fax | **1.800.874.1748**

### DISTRIBUTION CENTERS:

**Ohio:** 6810 Cochran Road | Solon, OH 44139 | 440.914.1122

**Texas:** 2902 East 13th Street, Suite 200 | Houston, TX 77571 | 713-670-9700

**North Carolina:** 109 Sands Road | Reidsville, NC 27320 | 1.800.551.9760

**California:** 4113 Gold River Lane | Stockton, CA 95215 | 1.800.833.4500