

## TYPICAL PROPERTY SHEET

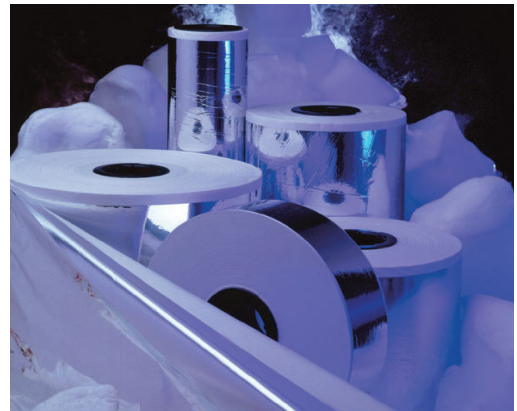
# Double Aluminized Polyester Film

## Double Aluminized Polyester Film

### Super-Insulating for Super-Cooled Liquid Gases

Reflective media for Cryogenic MLI vacuum applications.


- High reflectivity and low haze
- Excellent machinability on a wide variety of machinery
- Good mechanical properties
- Heat stability
- Good handling properties
- Low outgassing



# TYPICAL PROPERTY SHEET

## Double Aluminized Polyester Film

# Double Aluminized Polyester Film

Thickness	Width	Roll Diameter	2 Side Metal Wound	Roll ID
25 guage 6 micron	2 in - 86 in	Per Customer Specification	A & B Side 	3 in or 6 in

### Double Aluminized Polyester Film Typical Properties

Material Properties	Typical Values	Testing Methods
F-5 (MD/TD), lb/in <sup>2</sup>	16,600 / 14,800	ASTM D 882
Elongation at Break (MD/TD), %	90 / 115	ASTM D 882
Heat Shrinkage @ 150°C for 30 min (MD/TD), %	2.0 / 1.0	D-1204
Coefficient of Friction, A-side vs. B-side	0.5 / 0.4	ASTM D 1894
Ohms/Sq A-side vs. B-side	<1.0 Ohms/Sq (appx. 300 Angstrom)	Aimcal Test Standard
Operating Temperature, Celcius	-250° to +120° continuous; -269° to +150° intermittent	Industry Standard
Length per Roll	Per Customer Specification	

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.

Form A-5236  
Effective 06/23  
© 2023 Alkegen  
All Rights Reserved

#### Alkegen

Corporate Headquarters  
5215 N. O'Connor Blvd, Suite 2300  
Irving, TX 75039  
Telephone: 716-768-6500  
Internet: [www.Alkegen.com](http://www.Alkegen.com)  
Email: [Info@Alkegen.com](mailto:Info@Alkegen.com)