



DyPerm Wrap Vapor Barrier

Product No.:	DyPerm Wrap – vapor barrier sheeting
Description:	A three-ply laminate vapor retarder constructed of a 1 mil aluminum foil with 0.5 mil polyester film on both sides.
Applications:	Recommended for low temperature piping including chill water and cryogenic as part of Dyplast's insulation system using the ISO-C1 or Phenolic family of insulation.
Installation:	Dyplast generally recommends that DyPerm Wrap be factory-applied to the outer surface of the pipe insulation when possible, although it can be effectively field-applied as well.

TECHNICAL DATA SHEET

Technical Data

	Imperial	Metric
Substrate Thickness:		
Polyester layer:	2.4 mils (0.0024")	0.0610 mm
Aluminum layer:	0.5 mil (0.0005")	12 microns
Aluminum layer:	1.0 mil (0.0010")	26 microns
Basis weight:	69 lbs/ream	113 gsm
Tensile (ASTM C1136):		
Machine direction:	12500 psi	86 MPa
Cross direction:	12500 psi	86 MPa
Elongation (ASTM 0882-02)		
Machine direction:	49%	49%
Cross direction:	45%	45%
Puncture (ASTM D1000):	16.7 lbs	75.7 N
WVTR (ASTM E96 Proc. A):	0.00 perm	0 ng/N-s
Flame/Smoke Testing (ASTM E-84)	Flame Spread 10	Smoke Developed 20
Emittance:	0.57	0.57
Temperature Resistance:	-40°F to 240°F	-40°C to 116°C

THE INFORMATION LISTED IS IN GOOD FAITH AND HAS BEEN ESTABLISHED FROM SOURCES BELIEVED TO BE SECURE AND RELIABLE. THE VALUES LISTED ARE TYPICAL PROPERTIES AND ARE NOT INTENDED TO BE USED AS SPECIFICATIONS FOR DEFINED APPLICATIONS. USER MUST DETERMINE THE PRODUCT SUITABILITY FOR THE END USE APPLICATION AND ASSUME ALL RISKS AND LIABILITIES.



12501 NW 38th Ave. Miami, FL 33054

Phone Direct: (305) 921-0100

Fax: (305) 687-8013

Email: info@dyplastproducts.com

DP-0710A