

Barrier-Met® Coextruded Heat Sealable Polyester

REVISION DATE: 7/25/2011

Product – A balanced, oriented coextruded heat sealable polyester film that has been metallized on the non- heat sealable side.

TYPICAL PROPERTIES AND VALUES

PROPERTY	UNITS	AVERAGE	RANGE	TEST METHOD
Gauge	mils Microns	0.48 12	Note 2	Micrometer
Yield	in ² /lb M ² /Kg	42,200 60	Note 2	ASTM D4321
Optical Density	NA	2.4	± 0.2	Densitometer
Surface Energy Metal on film side	Dynes/cm	44		ASTM D2578
Metal Adhesion	gms/in N/cm	350 1.35	NA	AIMCAL TP-105-92
MVTR @ 100°F, 90% RH	gms/100 in ² /day gms/m ² /day	<0.07 <1.09	NA	ASTM F1249
OTR @ 73°F, 50% RH	cc/100 in ² /day cc/m ² /day	0.05 0.775	NA	ASTM D3985
COF (Film to Metal)	Dynamic	0.5	± 0.1	ASTM D1894
Tensile Strength	MD CD psi	27,000 29,000	Note 2	ASTM D882
Elongation at Break	MD CD %	100 90	Note 2	ASTM D882
Heat Seal / H.S. 285°F, 40 psi, 1 second	g/in N/cm	200 - 400 0.70 - 1.39	Note 2	
Shrinkage (150°C,30min)	MD CD %	1.25 0.30	Note 2	ASTM D1204

NOTES:

- The data above for the VACUMET product are typical values and are not limiting specifications.** The information contained herein represents the best data available to Vacumet, and we believe it is reliable. No statement with respect to use is intended as a recommendation and no warranty is made. We urge purchasers to conduct confirmatory tests for suitability in their specific use.
- These properties are determined by the substrate manufacturer – more detailed data is available upon request.
- The polyester side is in compliance with FDA regulation 21CFR 177.1630 (f.g.h). Drug Master File # 4057. For any questions, samples or additional information, please contact Customer Service at +1.404.432.6300.