

## Ultra Barrier-Met<sup>®</sup> Polyester 2.7 OD

REVISION DATE: 10/11//2011

Product B – A balanced, oriented polyester film that has been metallized on non- treated side.

### TYPICAL PROPERTIES AND VALUES

PROPERTY	UNITS	AVERAGE	RANGE	TEST METHOD
Gauge	mils microns	0.48 12	Note 2	Micrometer
Yield	in <sup>2</sup> /lb M <sup>2</sup> /Kg	42,200 60	Note 2	ASTM D4321
Optical Density	NA	2.7	± 0.2	Densitometer
Surface Energy corona side	Dynes/cm	56	Note 2	ASTM D2578
Metal Adhesion	gms/in N/cm	207 0.8	TBD	AIMCAL TP-105-92
MVTR @ 100°F, 90% RH	gms/100 in <sup>2</sup> /day gms/m <sup>2</sup> /day	0.025 0.386	NA	ASTM F1249
OTR @ 73°F, 50% RH	cc/100 in <sup>2</sup> /day cc/m <sup>2</sup> /day	0.025 0.386	NA	ASTM D3985
COF (Film to Metal)	Dynamic	0.3	± 0.1	ASTM D1894
Tensile Strength	MD CD psi	31,300 31,300	Note 2	ASTM D882
Elongation at Break	MD CD %	100 100	Note 2	ASTM D882
Shrinkage (150°C, 30 min)	MD CD %	1.6 0.0	Note 2	ASTM D1204

#### NOTES:

1. 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.
2. These properties are determined by the substrate manufacturer – more detailed data is available upon request.
3. 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.