

**Barrier-Met® Metallized Plasma Treated Polyester Film 2.7 O.D.**  
REVISION DATE: 7/25/11

Product - A high barrier, balanced, oriented polyester film that has been metallized plasma treated.

**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	42,100 60	Note 2	ASTM D4321
Optical Density	NA	2.7	± 0.2	Densitometer
Surface Energy Metal Plasma Side Corona side	Dynes/cm	55 55		ASTM D2578
Metal Adhesion	gms/in N/cm	> 300 >1.16	NA	AIMCAL TP-105-92
MVTR @ 100°F, 90% RH	gms/100 in <sup>2</sup> /day gms/m <sup>2</sup> /day	0.035 0.55	NA	ASTM F1249
OTR @ 73°F, 50% RH	cc/100 in <sup>2</sup> /day cc/m <sup>2</sup> /day	0.035 0.543	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,30min)	MD CD %	1.6 0.0	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.