

Enhanced Adhesion Ultra Barrier-Met® Polyester 3.5 OD

REVISION DATE: 11/04/2010

Product – A high barrier, balanced, oriented polyester film that has been metallized on one 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	3.5	± 0.2	Densitometer
Surface Energy Metal on corona side	Dynes/cm	>60		ASTM D2578
Metal Adhesion Treated Side	gms/in N/cm	625 2.41	NA	AIMCAL TP-105-92
MVTR @ 100°F, 90% RH	gms/100 in ² /day gms/m ² /day	<0.025 <0.387	NA	ASTM F1249
OTR @ 73°F, 50% RH	cc/100 in ² /day cc/m ² /day	0.017 0.26	NA	ASTM D3985
COF (Film to Metal)	Dynamic	0.3	± 0.1	ASTM D1894
Tensile Strength	MD CD psi	32,000 38,000	Note 2	ASTM D882
Elongation at Break	MD CD %	110 80	Note 2	ASTM D882
Shrinkage (190°C, 5 min)	MD CD %	3.6 3.8	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.