

## O2 BARRIER SEALANT HB METALLIZED POLYETHYLENE FILM

### Typical Values

Metal One Side, Low COF and High Seal Strength the Other Side

- ◆ Excellent oxygen barrier
- ◆ Good water vapor barrier
- ◆ Excellent sealing properties with good stiffness

Properties	Typical Value		Units	Test Method
<b>Yield</b>	19,415		in <sup>2</sup> /lb	
<b>Thickness</b>	1.5 38		Mil µm	
<b>Tensile Strength (Break)</b>	3,850 3,780	MD TD	psi	ASTM D882
<b>Secant Modulus (1%)</b>	108,000 117,000	MD TD	psi	ASTM D882
<b>Elongation</b>	800 875	MD TD	%	ASTM D882
<b>Elmendorf Tear</b>	175 75	MD TD	g	ASTM D1922
<b>Optical Density</b>	2.0		Tobias Densitometer	CMP OD-1
<b>Light Transmission</b>	< 1.0		%	
<b>Coefficient of Friction</b>	< 0.2		Sealant to Sealant	ASTM D-1894
<b>WVTR</b>	0.07		g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	0.03		cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
<b>Metal Adhesion</b>	300		g/in	CMP MA-1

This film is in compliance with the regulation FDA 21 CFR 177.1520. Polyethylene surface is approved for direct food contact.

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