



## **O2 BARRIER SEALANT** **METALLIZED POLYETHYLENE FILM**

**Typical Values**  
**Metal One Side, Low COF and High Seal Strength Other Side**  
**1.5 mil PE Sealant Film**

Properties	Typical Value	Units	Test Method
Yield	19,600	in <sup>2</sup> /lb	
Thickness	1.5 38	Mil µm	
Tensile Strength (Break)	4,200 MD 3,350 TD	Psi	ASTM D882
Secant Modulus (1%)	74,500 MD 78,600 TD	Psi	ASTM D882
Elongation	250 MD 475 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Coefficient of Friction	< 0.2	Sealant to Sealant	ASTM D-1894
WVTR	0.07	g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.06	cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300	g/in	CMP MA-1
Heat Seal Initiation Temperature	220	° F	
Ultimate Seal Strength	> 1500 (Destruct)	g/in	

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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