

CEL-MET[®] SEALANT

METALLIZED POLYETHYLENE FILM

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

Properties	Typical Value	Units	Test Method
Yield	23,932	in ² /lb	
Thickness	1.25 31	Mil μm	
Tensile Strength (Break)	5,400 MD 3,600 TD	Psi	ASTM D882
Secant Modulus (1%)	37,000 MD 45,500 TD	Psi	ASTM D882
Elongation	585 MD 725 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Coefficient of Friction	0.25	Sealant to Sealant	ASTM D-1894
WVTR	0.07	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	20	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300	g/in	CMP MA-1
Heat Seal Initiation Temperature	230-240	° F	

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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