

CEL-MET[®] SEALANT
METALLIZED POLYETHYLENE FILM
Typical Values
Metal One Side, Low COF and High Seal Strength Other Side
2.0 mil PE Sealant Film

Properties	Typical Value	Units	Test Method
Thickness	2.0 50.8	Mil µm	
Yield	15,000	in ² /lb	
Tensile Strength (Break)	5,400 MD 4,200 TD	Psi	ASTM D882
Elongation	705 MD 770 TD	%	ASTM D882
Secant Modulus (1%)	39,000 MD 46,500 TD	Psi	ASTM D882
Metal Adhesion	300	g/in	CMP MA-1
Oxygen Transmission Rate	16	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Water Vapor Transmission Rate	0.07	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
Coefficient of Friction	0.25	Sealant to Sealant	ASTM D-1894
Heat Seal Initiation Temperature	230-250	° F	

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

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.