

CEL-MET[®] SEALANT METALLIZED POLYETHYLENE FILM

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

Properties	Typical Value	Units	Test Method
Thickness	38	µm	
Yield	28	m ² /kg	
Tensile Strength (Break)	37,2 MD 24,8 TD	N/mm ²	ASTM D882
Secant Modulus (1%)	255,1 MD 313,7 TD	N/mm ²	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	1,09	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	250	cc/m ² /24 hr	ASTM D-3985 (23°C, 50% RH)
Metal Adhesion	3,0	N/25mm	CMP MA-1
Heat Seal Initiation Temperature	110-116	°C	

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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