

# CEL-MET™ SEALANT METALLIZED POLYETHYLENE FILM

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

Properties		Typical Value	Typical Value	Typical Value	Units	Test Method
Thickness		31,3	38	50	µm	
Yield		34	28	21	m <sup>2</sup> /kg	
Tensile Strength (Break)	MD	37,2	37,2	37,2	N/mm <sup>2</sup>	ASTM D882
	TD	24,8	26,5	29,0		
Secant Modulus (1%)	MD	255,1	255,1	269,0	N/mm <sup>2</sup>	ASTM D882
	TD	313,7	313,7	320,6		
Elongation	MD	585	625	705	%	ASTM D882
	TD	725	740	770		
Optical Density		2,0			Tobias Densitometer	CMP OD-1
Light Transmission		< 1,0			%	
Coefficient of Friction		0,25			Sealant to Sealant	ASTM D-1894
WVTR		1,09			g/m <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR		310	310	250	cc/m <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 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.

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.