

O2 BARRIER SEALANT HB **METALLIZED POLYETHYLENE FILM**

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

Properties	Typical Value	Units	Test Method
Yield	27,9	m ² /kg	
Thickness	38	µm	
Tensile Strength (Break)	29,0 MD 23,1 TD	N/mm ²	ASTM D882
Secant Modulus (1%)	513,7 MD 541,9 TD	N/mm ²	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
Haze	7-10	%	ASTM D-1003
WVTR	1,09	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	0,47	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	105	°C	
Ultimate Seal Strength	> 15,0 (Destruct)	N/25mm	

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

The metallized side is FDA approved for indirect food contact.

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