



FOILMET® RR PE SEALANT

HIGH BARRIER METALLIZED POLYETHYLENE FILM

Developmental Data Sheet (Imperial)

Metallized one side, Low COF and High Seal strength on other side

- ◆ Excellent oxygen and moisture barrier
- ◆ Low SIT and excellent Heat Seal strength
- ◆ Recycling ready film for All-PE laminations

Properties		Typical Value		Units	Test Method
Thickness		1.5	2.0	mil	
Yield		19,400	14,550	in ² /lb	
Tensile Strength (Break)	MD	3,825		psi	ASTM D882
	TD	3,325			
Secant Modulus (1%)	MD	99,350		psi	ASTM D882
	TD	109,525			
Elongation	MD	875		%	ASTM D882
	TD	900			
Elmendorf Tear	MD	100	130	g	ASTM D-1922
	TD	40	50		
Dart Impact		45	60	g	ASTM D-1709 (method A)
Optical Density		2.5			CMP OD-1
Light Transmission		< 1.0		%	
WVTR		0.07	0.05	g/100in ² /24 hr.	ASTM F-1249 (100° F, 90% RH)
OTR		0.08	0.06	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion		1400		g/in	CMP MA-1

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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