



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	3.5	mil	
Yield		19,400	14,550	8,300	in ² /lb	
Tensile Strength (Break)	MD	3,825		3200	psi	ASTM D882
	TD	3,325		360		
Secant Modulus (1%)	MD	99,350		100,000	psi	ASTM D882
	TD	109,525		120,000		
Elongation	MD	875		600	%	ASTM D882
	TD	900		900		
Elmendorf Tear	MD	100	130	300	g	ASTM D-1922
	TD	40	50	100		
Dart Impact		45	60	150	g	ASTM D-1709 (method A)
Optical Density		2.5				CMP OD-1
Light Transmission		< 1.0			%	
WVTR		0.07	0.05	0.05	g/100in ² /24 hr.	ASTM F-1249 (100° F, 90% RH)
OTR		0.08	0.06	0.04	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion		>1000			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. Non-objection approval letter is on file from Health Protection Branch of Canadian Food Inspection Agency (CFIA). This film also complies with relevant requirements of the Swiss Chemicals Ordinance SR 813.11(ChemO) and European Regulation No. 10/2011 for food contact.

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