

REFLECT-MET® RR PE SEALANT

LOW-E METALLIZED POLYETHYLENE FILM

Developmental Data Sheet (Metric)

Metallized and protected top-coated one side

- ◇ Low HSIT temperature and excellent heat seal strength
- ◇ Low emissivity

Properties	Typical Value		Units	Test Method
Thickness	38		μm	
Yield	27,0		m ² /kg	
Tensile Strength (Break)	MD TD	27,6 31,0	N/mm ²	ASTM D882
Elongation	MD TD	500 700	%	ASTM D882
Elmendorf Tear	MD TD	100 1,000	g	ASTM D882
Heat Seal Initiation Temperature	94		°C	
Optical Density	2,5		Tobias Densitometer	CMP OD-1
Light Transmission	0,3		%	
Emissivity	0,06		-	ASTM C1371
Metal Adhesion	3,0		N/25mm	CMP MA-1

This film is compliant with 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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