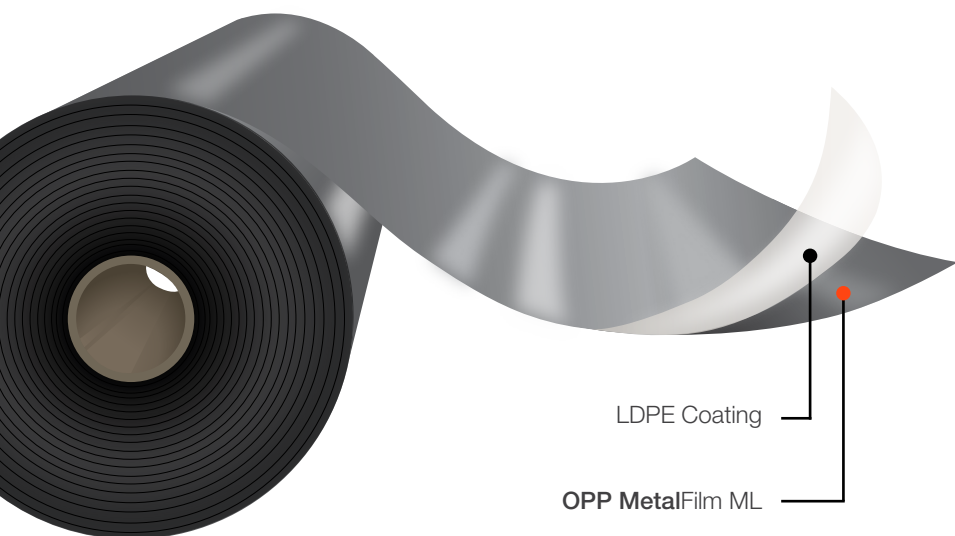


Metalized BOPP Film

LDPE encapsulated, very low SIT in reverse side, extrusion lamination substitute.



Opp PolyMetalFilm L

RM - YL



Description

Opp PolyMetalFilm L is composed of **Opp MetalFilm ML** substrate and an LDPE coating applied by extrusion over the metal side. This product is corona treated on the LDPE side which is located on the outside face of the reel.

Main Characteristics

- Encapsulated metal side for very high stability of barrier properties
- Caulkability for hermetic sealing in bag folds and overlaps

Applications

Designed to be employed as internal web in bi-laminations for products requiring excellent light, humidity and oxygen barrier. The LDPE coating delivers stable barrier properties since the metallic layer is protected against damage from the subsequent converting processes. In addition, the internal LDPE layer confers tear resistance and caulability for hermetic seals in bag folds and overlaps. This film meets FDA regulations for direct food contact.

*Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%.

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative.

PolyMetal Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	570 mm Ø Outside Diam.		Coated Side
					Length (m)	Weight (kg/cm)	
RM 1510 YL	25.0	22.7	300 a 1600	6"	8,900	2.03	Outside
RM 1710 YL	27.5	25.0			8,150		
RM 1714 YL	31.0	28.2			7,200		
RM 2017 YL	37.0	33.6			6,000		

Typical Values of Physical Properties*

*Information presented in this data sheet is intended to be used as general guidelines and not as technical specifications.

Property	Unit	Testing Method	Thickness Code			
			1510	1710	1714	2017
Optical Density	-	Tobias	2.4			
Coefficient of Friction - Kinetic	NC/NC	ASTM D1894	0.35			
Surface Tension	C	ASTM D882	40			
Heat Seal Initiation Temperature	° C	ASTM F88 ASTM F2029A	90			
Seal Strength @ 130 °C	NC/NC	@ 40 psi	4.0			
Hot Tack Range > 2 N/(25 mm)	° C	ASTM F1921	[100-150]			
Water Vapor T. R. @ 38° C, 90% R. H.	g/(m ² .day)	ASTM F1249	0.3			
Oxygen T.R. @ 23°C, 0% R.H.	cm ³ /(m ² .day)	ASTM D3985	80			

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