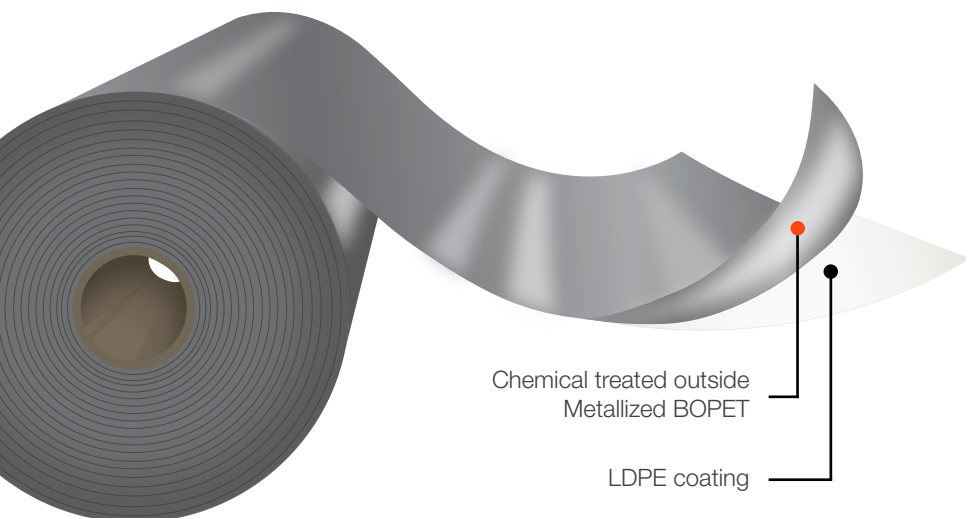


Embedded OPET MetalFilm

Chemical treated outside, LDPE coating, corona treated inside.



Description

Opet PolyMetalFilm Q is composed by highgloss metallized BOPET substrate and low density polyethylene coating (LDPE) over the metallized side. This film is chemically treated on the BOPET side to allow the application of different varnishes.

Main Characteristics

- Excellent coating uniformity
- High tear resistance
- Embedded metal layer for very high stability of barrier properties
- Improve bonds to adhesives and PVB inks

Applications

Designed to be employed in thermal lamination on paper, cardboard and polyethylene foam with metallic appearance. The chemical treated side provides superior bonds to inks such as PVB polyvinyl inks as well as to adhesives.

*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.

Opet PolyMetalFilm Q

REM - QY



Standard Dimensions*

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

PolyMetal Code		Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	12½" Ø Outside Diam.		Coated Side
						Length (ft)	Weight (lb/in)	
REM	1210 QY	0.87	27,000	10 to 40"	3"	9,900	4.40	Inside
REM	1215 QY	1.06	22,900			8,400	0.00	

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	Thickness Code
				1210	1215
Optical Density		-	Tobias	2.2	
Coefficient of Friction - Kinetic		NC/NC	ASTM D1894	0.40	
Tensile Strength		MD	ASTM D882	29000	
		TD		29700	
Elongation at Break		MD		100	
		TD		85	
Secant Modulus @ 2%		MD	638,400		
		TD	696,500		
Seal Strength @ 212 °F		C/C	OHG 037	310	
Surface Tension		NC	ASTM D2578	60	
Water Vapor T. R. @ 100 °F, 90% R. H.		g/(100 in ² .day)	ASTM F1249	0.06	
Oxygen T. R. @ 72 °F, 0% R. H.		cm ³ /(100 in ² .d)	ASTM D3985	0.06	

Opet PolyMetalFilm Q

REM - QY

