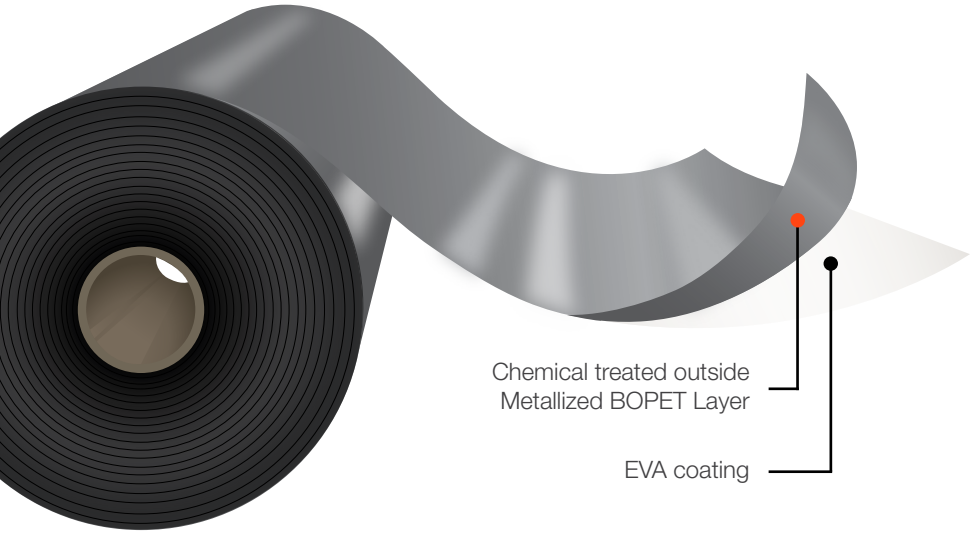
Metallized BOPET Film

Chemical treated, EVA coating reverse, heat lamination.



Opet Thermo Film M-QV

REM - QV

Description

Opet Thermo Film M-QV is composed of a metallized BOPET substrate with high gloss and an EVA coating applied by extrusion over the metal side. This product has chemical treatment in the BOPET side to allow application of different varnishes.

Main Characteristics

- Metallic appearance
- Scratch resistance
- Excellent high temperature resistance (hot stamping)
- Outsdanding flatness and dimensional stability
- Chemical treatment to provide excellent adhesiveness to offset and UV inks and UV lacquers

Applications

Designed to be heat laminated as cover protection for paper and cardboard, delivering a high gloss and metallic appearance. The BOPET side has excellent scratch resistance, very good adhesiveness to offset and UV inks and UV lacquers, and it is hot stampable. This film is used in applications such as book and notebook covers, posters, boxes, display panels and paper bags, among others.

*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.

PolyFilm Code	Thickness (µm)	Unit Weight (g/m^2)	Width (mm)	Core Size	320 mm Φ Outside Diam.		Coated Side
					Length (m)	Weight (kg/cm)	
REM 1210 QV	22.0	26.3	250 a 1000	3"	3,020	0.79	Inside

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 in microns
				1010
Optical Density		-	OHG M14	2.2
Coefficient of Friction - Kinetic	NC/NC	-	ASTM D1894	0.50
Tensile Strength	MD	N/mm^2	ASTM D882	200
	TD			205
Elongation at Break	MD	%		100
	TD			85
Secant Modulus @ 2%	MD	N/mm^2		4,400
	TD			4,800
Surface Tension	C	dyne/cm	OHG M004	42
	NC			60
Peel Strength @ 150 °C	C/C	N/25 mm	OHG 037	3.0

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Notes: MD - Machine Direction | TD - Transverse Direction | NR - Non Coated Side | R - Coated Side