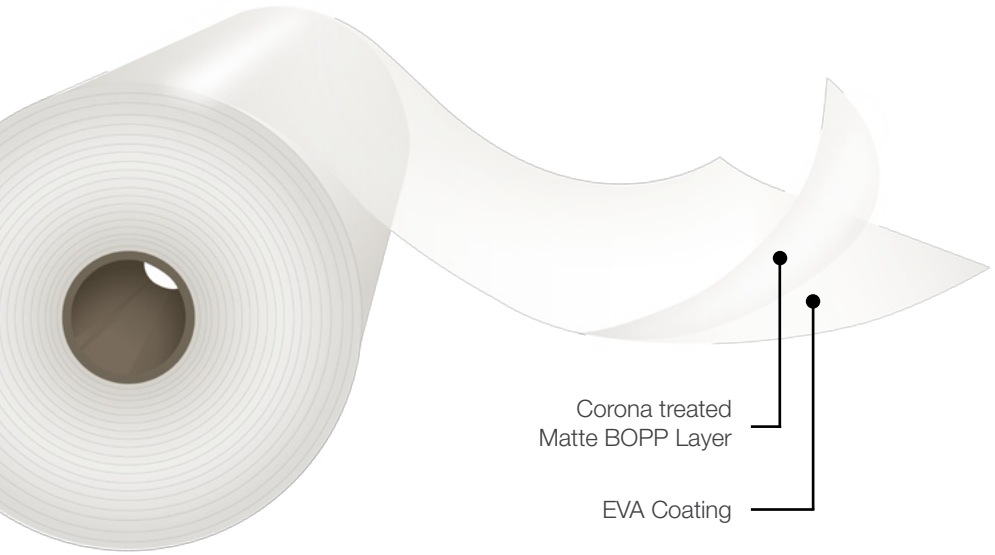
Matte BOPP Film

Corona treated outside, EVA coating inside



Opp Thermo Film D-TV

RD - TV

Description

Opp Thermo Film D-TV is composed of a BOPP substrate with matte finish on one side and EVA coating applied by extrusion. This coating provides an excellent adhesion to paper in heat laminating processes. This product is corona treated on the BOPP side to allow application of different varnishes.

Main Characteristics

- Excellent coating uniformity, producing very good and consistent adhesion to printed or unprinted paper.
- Confers excellent matte appearance to laminated products.
- Provides protection to usage and humidity.
- Environmental friendly and safe as it does not produce any fumes during its processing.
- Corona treated provide good adhesion to UV coatings and hot-stamping on the BOPP face.

Applications

Employed as overlaminate to protect paper and cardboard with matte appearance which enhance visualization of printing. The corona treatment in the BOPP side produces good adhesion to UV varnishes. Given the good thermal resistance of this product, it can be hotstamped. The film is used in applications such as book and notebook covers, posters, boxes, paper, display panels and bags, among others.

* Important Considerations

- It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.
- The information in this data sheet is based on tests carried out in our laboratories and it is intended to be used for reference only, and does not constitute a specification; therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.

Standard Dimensions*

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

PolyFilm Code	Thickness (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	320 mm Φ Outside Diam.		Coated Side
					Length (m)	Weight (kg/cm)	
RD 1206 TV	18.0	16.6	250 to 1000	3"	3,680	0.61	Inside
RD 1506 TV	21.0	19.4			3,150		
RD 1510 TV	25.0	23.1			2,710		
RD 1512 TV	27.0	24.9			2,510		
RD 1513 TV	28.0	25.8			2,410		

Typical Values of Physical Properties**

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

Property		Unit	Testing Method	Thickness in Microns				
				12-06	15-06	15-10	15-12	15-13
Haze		%	ASTM D1003	70				
Gloss @ 45°		%	ASTM D2457	7.0				
Coefficient of Friction - Kinetic	T/T	-	ASTM D1894	0.30				
Tensile Strength	MD	N/mm²	ASTM D882	125				
	TD			235				
Elongation at Break	MD	%		180				
	TD			50				
Secant Modulus @ 2%	MD	N/mm²		1,800				
	TD			3,000				
Surface Tension	T	dinas/cm	ASTM D2578	39				
Heat Seal Initiation Temperature (1.96 N)	V/V	°C	ASTM F2029	80				
Peel Strength @ 130 °C	V/Paper	N/25 mm	ASTM F88	8.0				
Water Vapor Transmission Rate @ 38 °C, 90% H. R		g/(m².día)	ASTM F1249	10.0				

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Notes: MD - Machine Direction | TD - Transverse Direction | T - Corona Treated Side | V - EVA Coating Side