

BOPP Film

OPP TapeFilm



Plain, one side corona treated

Description

Film that delivers high transparency, excellent gloss and rigidity due to its homopolymer layer. It is formulated with a PP copolymer to provide excellent good lamination bonds. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Excellent mechanical properties.
- High gloss and transparency.
- Good thermal resistance.
- Outstanding flatness and dimensional stability.
- Corona treated outside suitable for excellent bonds to inks and adhesives.

Applications

This product is designed to be used as base film for adhesive tape applications as it presents excellent bond strengths to a variety of adhesives. Additionally, this film can be employed in other converting and food packaging industries where heat seals are not required. It meets the FDA regulations for direct food contact.

* 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.
- This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, please visit our website: <https://www.obengroup.com/en/documents>

Standard Dimensions *

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

Film Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	570 mm Ø Outside Diam.		760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
TH 20	20.0	18.1	400 to 2,000	3" & 6"	11,300	2.04	20,900	3.77	Corona outside
TH 25	25.0	22.6			9,100		16,700		
TH 30	30.0	27.1			7,600		13,900		

Typical Values of Physical Properties **

**Information and data presented in this data sheet is intended to be used as general guidelines. Physical properties specifications are available upon request.

Property		Unit	Testing Method	Thickness in Microns		
				20.0	25.0	30.0
Haze	-	%	ASTM D1003	2.0		
Gloss 45°			ASTM D2457	90		
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.3		
Tensile Strength	DM	N/mm ²	ASTM D882	160		
	DT			300		
Elongation at Break	DM	%		150		
	DT			50		
Secant Modulus 2%	DM	N/mm ²		1300		
	DT			2000		
Surface Tension	T	dyn/cm	ASTM D2578	38		
Water Vapor Transmission Rate (38 °C, 90 % R.H.)		g/(m ² .día)	ASTM F1249	6.5	5.6	4.7
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm ³ /(m ² .día)	ASTM D3985	2200	1800	1600

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