

Plain BOPP Film

OPP TapeFilm



Plain, one side high energy treatment

Description

Film with high transparency and excellent gloss due to its homopolymer structure. Its high energy treatment on one side provides excellent lamination strengths. The high energy surface treatment is on the outer side of the reel.

Main Characteristics

- High thermal resistance.
- Excellent mechanical properties.
- High gloss and transparency.
- Good flatness and dimensional stability.

Applications

Designed to be used as a base film for adhesive tape applications as it has excellent adhesion strength to a variety of adhesives. Additionally, this film can be used in other applications in the converting and food packaging industry that do not require heat sealing. It complies with FDA and EU regulations for 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"	11,100	2.01	20,400	3.69	Outside
TH 24	24.0	21.7			9,300		17,000		
TH 25	25.0	22.6			8,900		16,300		
TH 29	29.0	26.3			7,700		14,100		
TH 30	30.0	27.2			7,400		13,600		
TH 35	35.0	31.7			6,400		11,700		
TH 40	40.0	36.2			5,600		10,200		
TH 50	50.0	45.3			4,500		8,200		

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	24.0	25.0	29.0	30.0	35.0	40.0	50.0	
Haze	-	ASTM D1003	1.2				1.5				
Gloss 45°	-	ASTM D2457	90								
Coefficient of Friction - Kinetic	-	ASTM D1894	0.3								
Tensile Strength	DM	ASTM D882	150								
	DT		300								
Elongation at Break	DM		130								
	DT		50								
Secant Modulus 2%	DM		1,800								
	DT		3,000								
Surface Tension	F		ASTM D2578	40							

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