

## 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 (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	22 1/2" Ø Outside Diam.		30" Ø Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
TH 20	0.79	38,900	15 to 80	3" & 6"	36,500	11.25	67,000	20.66	Outside
TH 24	0.94	32,400			30,600		55,800		
TH 25	0.98	31,100			29,200		53,500		
TH 29	1.14	26,800			25,300		46,300		
TH 30	1.18	25,900			24,300		44,700		
TH 35	1.38	22,200			21,000		38,400		
TH 40	1.57	19,500			18,400		33,500		
TH 50	1.97	15,600			14,800		27,000		

## 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 Mils						
			0.79	0.94	0.98	1.14	1.18	1.38	1.57
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	21,800						
	DT		43,600						
Elongation at Break	DM		130						
	DT		50						
Secant Modulus 2%	DM		261,100						
	DT		435,200						
Surface Tension	F	ASTM D2578	40						

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