

# Matte BOPP film for laminations

## OPP MatteFilm



*Non-sealable matte side, corona treated on reverse side*

### Description

Presents a non-sealable and heat resistant matte side. It features a combined, migratory/non-migratory, slip and antistatic package that give a good slip level and low static charge. The treated side is located on the outside face of the reel.

### Main Characteristics

- Matte and heat resistant surface.
- Outstanding slip and antistatic properties.
- Corona treated outside for applications of inks and adhesives.
- Excellent flatness and dimension stability.

### Applications

This film is designed to be used in a great variety of laminations in the graphic arts industry as well as in the flexible packaging markets and in combination with paper or other plastic substrates. It meets FDA regulations for direct food contact. This film has good heat resistance for laminated structures which require high heat sealing loads to build the packages.

#### \* 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 \*

Film Code	Thickness (µm)	Unit Weight (g/m <sup>2</sup> )	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)	
LD 17	17.5	15.8	400 to 2,000	3" & 6"	12,400	1.96	22,900	3.62	Outside
LD 20	20.0	18.1			10,900		20,000		

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

## Typical Values of Physical Properties \*\*

Property		Unit	Testing Method	Thickness in Microns	
				17.5	20.0
Gloss 45°	N	%	ASTM D2457	8.0	
Coefficient of Friction - Kinetic		-	ASTM D1894	0.30	
Tensile Strength	DM DT	N/mm <sup>2</sup>	ASTM D882	125	
				250	
Elongation at Break	DM DT	%		180	
				50	
Secant Modulus 2%	DM DT	N/mm <sup>2</sup>		1,700	
				3,000	
Surface Tension	T	dyn/cm	ASTM D2578	38	
Water Vapor Transmission Rate (38 °C, 90 % R.H.)		g/(m <sup>2</sup> .d)	ASTM F1249	7.2	6.5
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm <sup>3</sup> /(m <sup>2</sup> .d)	ASTM D3985	2,400	2,200

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

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