

BOPP Film

Transparent, heat sealable and very low SIT on one side, high

Description

Transparent film, heat-sealable at an ultra-low SIT on one side, featuring high adhesion and thermal resistance, with corona treatment on the reverse side. It is formulated with a combined package of migratory and non-migratory additives, including slip and anti-static agents, providing good slip properties and low static generation. The untreated side offers an ultra-low sealing initiation temperature and a wide heat-sealing range. The corona treatment is on the outer side of the film.

Main Characteristics

- Designed for extrusion lamination.
- High temperature resistance.
- Ultra-low SIT.
- Wide hot-tack range.
- Designed for application of inks or adhesives on treated side.
- Good antistatic and sliding properties.
- Good flatness and dimensional stability.



Opp SealFilm



Standard Dimensions*

Film Code	Thickness (μm)	Unit Weight (g/m ²)	Width (mm)	Core Size	570 mm Φ Outside Length (m)	Weight (kg/cm)	760 mm Φ Outside Length (m)	Weight (kg/cm)	Treatment
SLI 15 TN	15.0	13.6	400 to 2,000	3" & 6"	15,100	2.04	27,800	3.77	Outside
SLI 17 TN	17.5	15.8			12,900		23,900		

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

Typical Values of Physical Properties **

Thickness (μm)	Thickness (μm)	Testing Method	Thickness in Microns	
			15.0	17.5
Haze	-	ASTM D1003	2.0	
Gloss 45°		ASTM D2457	85	
Coefficient of Friction - Kinetic		ASTM D1894	0.20	
Tensile Strength	DM	N/mm ²	125	
	DT		235	
Elongation at Break	DM	%	180	
	DT		50	
Secant Modulus 2%	DM	N/mm ²	1,700	
	DT		2,700	
Surface Tension	T	dyn/cm	ASTM D2578	
Heat Seal Initiation Temperature	N/N	°C	ASTM F2029	
Seal Strength (130°C, 40 psi, 1s)		N/25mm	ASTM F88	

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*Important considerations

*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and 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 information, please visit our website: <https://www.obengroup.com/en/documents>