

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.



Standard Dimensions*

Film Code	Thickness (mils)	Yield (in ² /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)	
SLI 15 TN	0.59	51,900	15 to 80	3" & 6"	49,600	11.42	91,300	21.1	Outside
SLI 17 TN	0.69	44,500			42,400		78,500		

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

Typical Values of Physical Properties **

Thickness (mils)	Thickness (mils)	Testing Method	Thickness (mils)	
			0.59	0.69
Haze	-	ASTM D1003	2.0	
Gloss 45°		ASTM D2457	85	
Coefficient of Friction - Kinetic		ASTM D1894	0.20	
Tensile Strength	DM	lb/in ²	18,200	
	DT		34,100	
Elongation at Break	DM	%	180	
	DT		50	
Secant Modulus 2%	DM	lb/in ²	246,600	
	DT		391,700	
Surface Tension	T	dyn/cm	ASTM D2578	
Heat Seal Initiation Temperature	N/N	°F	ASTM F2029	
Seal Strength (266°F, 40 psi, 1s)		g/in	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>