

BOPP Film

OPP SealFilm



Transparent, heat-sealable on both sides, high adhesiveness and heat-resistance on corona-treated side

Description

Transparent film, heat-sealable on both sides, high adhesiveness and heat-resistance on corona-treated side. Formulated with a combined migratory and non-migratory additive package of slip and antistatic agents that provide good slip and low static generation. The corona treatment is on the outer side of the film.

Main Characteristics

- Designed for extrusion laminations.
- Good antistatic and sliding properties.
- Designed for application of inks or adhesives on treated side.
- Wide heat sealing range.
- Good flatness and dimensional stability.

Applications

This product is designed to be used in a wide variety of industrial or food packaging conversion processes. Its sealing properties allow it to be used in vertical VFFS or horizontal HFFS automatic packaging machines, with flap and/or overlap seals. This product is designed for extrusion laminations. 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, 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>

Standard
Dimensions *

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

Film Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	22 ½" Ø Outside Diam.		30" Ø Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
SCI 15	0.59	51,900	15 to 80	3" & 6"	49,600	11.43	91,300	21.1	Outside
SCI 17	0.69	44,500			42,400		78,500		

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	
				0.59	0.69
Haze	-	%	ASTM D1003	2.0	
Gloss 45°			ASTM D2457	80	
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.20	
Tensile Strength	DM	lb/in²	ASTM D882	18,200	
	DT			34,100	
Elongation at Break	DM	%		180	
	DT			50	
Secant Modulus 2%	DM	lb/in²		246,600	
	DT			391,700	
Surface Tension	T	dyn/cm	ASTM D2578	38	
Heat Seal Initiation Temperature	N/N	°F	ASTM F2029	221	
Seal Strength (266°F, 40 psi, 1s)		g/in	ASTM F88	500	
Water Vapor Transmission Rate (100.4 °F, 90 % R.H.)	-	g/(100 in².day)	ASTM F1249	0.55	0.46
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)		cm3/(100 in².day)	ASTM D3985	187	155

