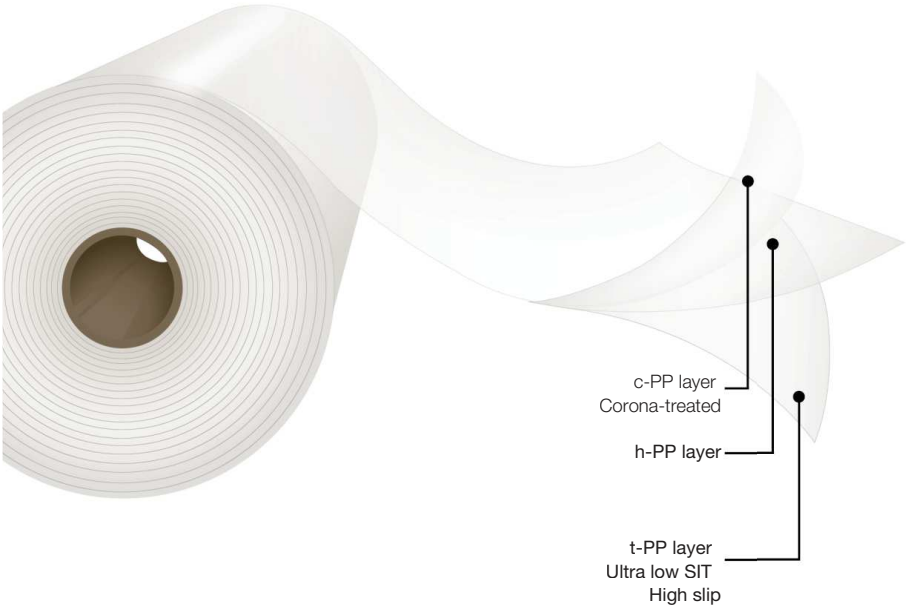
BOPP Film

OPP SealFilm

SA



Clear, heat-sealable on both sides, ultra-low SIT on one side, corona-treated on reverse side

Description

Transparent film, heat-sealable on both sides and corona-treated on one side. Formulated with a combined migratory and non-migratory additive package of slip and antistatic agents to provide high slip and low static generation. The untreated side offers ultra-low temperature seal initiation and exceptional heat seal range. The corona treatment is on the outer side of the film.

Main Characteristics

- Ultra low seal initiation.
- Wide heat seal range.
- Hot sliding.
- Excellent antistatic properties.
- Excellent flatness and dimensional stability.

Applications

This product is design to be employed in a great variety of conversion processes and industrial and food packaging applications, as a single web or internal layer in laminated structures. Its seal properties allow it to be used in many final applications such as multiple very high speed VFFS or HFFS packaging machinery, in fin and/or lap seals even in the presence of contaminants. Its ultra-low heat seal initiation temperature can be utilized to package heat sensitive products such as chocolates and ice cream. It meets the 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 (in²/lb)	Width (in)	Core Size	22 ½" Φ Outside Diam.		30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
SA 20	0.79	38,900	15 to 80	3" & 6"	37,100	11.43	68,600	21.1	Outside
SA 25	0.98	31,100			29,900		54,800		
SA 30	1.18	26,000			25,000		45,700		
SA 35	1.38	22,300			21,400		39,400		

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	0.98	1.18	1.38
Haze	-	%	ASTM D1003	4.5			4.7
Gloss 45°			ASTM D2457	80			
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.20			
	T/T			0.35			
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			435,200			
Surface Tension	T	dyn/cm	ASTM D2578	38			
Heat Seal Initiation Temperature	N/N	°F	ASTM F2029	176			
	T/T			257			
Seal Strength (266°F, 40 psi, 1s)	N/N	g/in	ASTM F88	500	600		
	T/T			500	600		
Water Vapor Transmission Rate (100.4 °F, 90 % R.H.)	-	g/(100 in².day)	ASTM F1249	0.42	0.37	0.30	0.22
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)		cm3/(100 in².day)	ASTM D3985	142	123	103	71

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Notes: DM - Machine Direction | DT - Transverse Direction | N - Untreated Side | T - Corona Treated Side