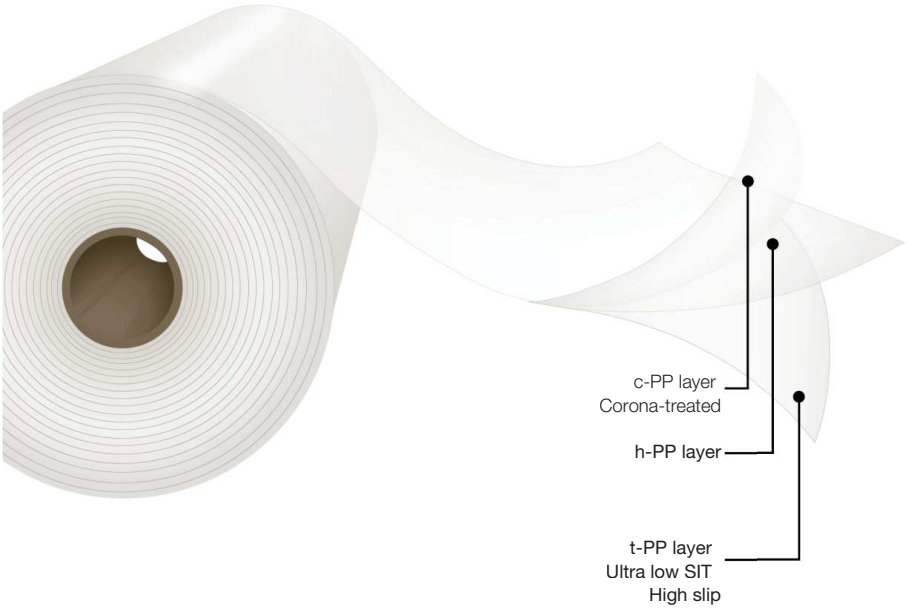
BOPP Film

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 (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	570 mm Φ Outside Diam.		760 mm Φ Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
SA 20	20.0	18.1	400 to 2,000	3" & 6"	11,300	2.04	20,900	3.77	Outside
SA 25	25.0	22.6			9,100		16,700		
SA 30	30.0	27.1			7,600		13,900		
SA 35	35.0	31.7			6,500		12,000		

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 Microns			
				20.0	25.0	30.0	35.0
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	N/mm²	ASTM D882	125			
	DT			235			
Elongation at Break	DM	%		180			
	DT			50			
Secant Modulus 2%	DM	N/mm²		1,700			
	DT			3,000			
Surface Tension	T	dyn/cm	ASTM D2578	38			
Heat Seal Initiation Temperature	N/N	°C	ASTM F2029	80			
	T/T			125			
Seal Strength (130°C, 40 psi, 1s)	N/N	N/25mm	ASTM F88	4.0	5.5		
	T/T			4.0	5.0		
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	g/(m².d)	ASTM F1249	6.5	5.7	4.7	3.4
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm3/(m².d)	ASTM D3985	2,200	1,900	1,600	1,100

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