

BOPP Film

Clear, two side heat sealable, one side corona treated, one side very low SIT



Opp SealFilm L

S L



Description

Opp SealFilm L contains a combined migratory / non-migratory slip and antistatic package for an excellent processability in a wide temperature range. The untreated side allows a very low heat seal initiation temperature and a very good hot-tack. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Very low SIT and very good hot-tack.
- Stable slip level.
- Outstanding antistatic properties.
- Excellent flatness and dimensional stability.
- Corona treated outside face suitable for good bonds to inks and adhesives.

Applications

This product is designed to be used in a great variety of converting processes for the food and industrial packaging, as a mono-web or in laminated structures. It is specifically designed for high speed packaging applications where high slip level consistency is required. It meets FDA regulations for direct food contact. Its seal properties allow it to be used in multiple VFFS or HFFS packaging machinery, in fin and/or lap seals. Its low heat seal initiation temperature can be utilized to package heat sensitive products such as chocolates and ice cream.

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Standard Dimensions*

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

OppFilm Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	22½" Ø Outside Diam.		30" Ø Outside Diam.		Treated Face
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
S L 20	0.79	38,900	15 to 80	3" & 6"	36,400	10.58	67,400	21.10	Outside
S L 23	0.91	33,800			31,500		58,700		
S L 25	0.98	31,100			29,200		54,100		
S L 30	1.18	25,900			24,300		44,900		
S L 50	1.97	15,500			14,600		27,100		

Typical Values of Physical Properties*

*Information and data presented in this data sheet is intended to be used as general guidelines. Technical specifications are available upon request.

Property	Unit	Testing Method	Thickness in mils					
			0.79	0.91	0.98	1.18	1.97	
Haze	%	ASTM D1003	2.2				2.9	
Gloss @ 45°	%	ASTM D2457	85				80	
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894	0.20				
	T/T			0.25				
Tensile Strength	MD	lb/in ²	ASTM D882	18,100				
	TD			34,100				
Elongation at Break	MD	%	ASTM D882	180				
	TD			50				
Secant Modulus @ 2%	MD	lb/in ²	ASTM D882	247,000				
	TD			435,000				
Surface Tension	dyne/cm	ASTM D2578	38					
Heat Seal Initiation Temperature	NT/NT	°F	ASTM F88	195				
	T/T			255				
Seal Strength @ 275°F	NT/NT	g/in	ASTM F2029A @ 40 psi, 1 s	510		610	710	
	T/T			460		560	610	
Water Vapor T. R. @ 100° F, 90% R. H.	g/(100 in ² .day)	ASTM F1249	0.40	0.39	0.35	0.30	0.20	
Oxygen T. R. @ 73° F, 0% R. H.	cm ³ /(100 in ² .d)	ASTM D3985	140	130	115	105	65	

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