

## 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 (µm)	Unit Weight (g/m <sup>2</sup> )	Width (mm)	Core Size	570 mm Ø Outside Diam.		760 mm Ø Outside Diam.		Treated Face
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
S L 20	20.0	18.1	400 to 2,000	3" & 6"	11,100	1.89	20,550	3.77	Outside
S L 23	23.0	20.8			9,600		17,900		
S L 25	25.0	22.6			8,900		16,500		
S L 30	30.0	27.2			7,400		13,700		
S L 50	50.0	45.3			4,450		8,250		

## 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 Microns					
			20	23	25	30	50	
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	N/mm <sup>2</sup>		125				
	TD			235				
Elongation at Break	MD	%	ASTM D882	180				
	TD			50				
Secant Modulus @ 2%	MD	N/mm <sup>2</sup>		1,700				
	TD			3,000				
Surface Tension	dyne/cm	ASTM D2578	38					
Heat Seal Initiation Temperature	NT/NT	°C	ASTM F88	90				
	T/T			125				
Seal Strength @ 135°C	NT/NT	N/25 mm	ASTM F2029A @ 40 psi, 1 s	5.0		6.0	7.0	
	T/T			4.5		5.5	6.0	
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m <sup>2</sup> .day)	ASTM F1249	6.5	6.0	5.6	4.7	3.4	
Oxygen T. R. @ 23°C, 0% R. H.	cm <sup>3</sup> /(m <sup>2</sup> .day)	ASTM D3985	2,200	2,000	1,800	1,600	1,000	

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