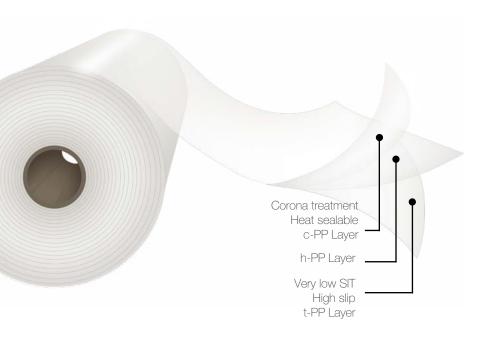


BOPP Film

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





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*

	OppFilm Code		Thickness	Unit	Width	Core	570 mm Φ Outside Diam.		760 mm Ф	Treated	
	ppriiii	Coue	(μm)	Weight (g/m²)	(mm)	Size	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***

Browner	Unit	Testing	Thickness in Microns					
Property		Method	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				
Coefficient of Friction - Kinetic	T/T	-	ASTIVI D 1694			0.25		
Topoilo Strongth	MD	N/mm ²		125				
Tensile Strength	TD	IN/ITIITI=	ASTM D882	235				
Clausation at Decale	MD	%		180				
Elongation at Break	TD	%		50				
Cocont Modulus @ 20/	MD	N/mm ²		1,700				
Secant Modulus @ 2%	TD	N/mm-				3,000		
Surface Tension	dyne/cm	ASTM D2578	38					
Heat Coal Initiation Tononousture	NT/NT	°C		90				
Heat Seal Initiation Temperature	T/T	- C	ASTM F88			125		
CI Charanth @ 125°C	NT/NT	NI/OF	ASTM F2029A @ 40 psi, 1 s	5.0 6.0				7.0
Seal Strength @ 135°C	T/T	N/25 mm	ω 10 poi, 10	4.5 5.5				6.0
Water Vapor T. R. @ 38 °C, 90% R.	g/(m ² .day)	ASTM F1249	6.5	6.0	5.6	4.7	3.4	
Oxygen T. R. @ 23°C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	2,200	2,000	1,800	1,600	1,000	

