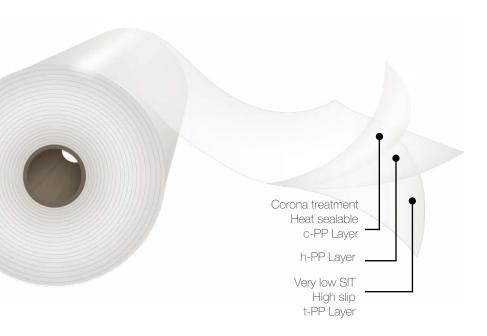


BOPP Film

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 wit 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	Yield	Width	Core	22½" Φ Outside Diam.		30" Ф Ои	Treated		
			(mils)	(in²/lb)	(in)	Size	Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	Face
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***

Branart.	Unit	Testing	Thickness in mils					
Property		Method	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				
Coefficient of Friction - Kinetic	T/T	-	AS TWI D 1094			0.25		
Tongilo Strongth	MD	lb/in ²		18,100				
Tensile Strength	TD	ID/III		34,100				
Claration at Break	MD	%	ACTM DOOD	180				
Elongation at Break	TD	70	ASTM D882	50				
Secont Medulus @ 20/	MD	lb/in ²		247,000				
Secant Modulus @ 2%	TD	ID/III-		435,000				
Surface Tension	dyne/cm	ASTM D2578	38					
Heat Cool Initiation Townsorthus	NT/NT	°F		195				
Heat Seal Initiation Temperature	T/T	F	ASTM F88 ASTM F2029A	255				
Coal Chromath @ 075°F	NT/NT	/i	@ 40 psi, 1 s		510		610	710
Seal Strength @ 275°F	T/T	g/in	@ 15 poi, 10	460 560				610
Water Vapor T. R. @ 100° F, 90% R	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	

