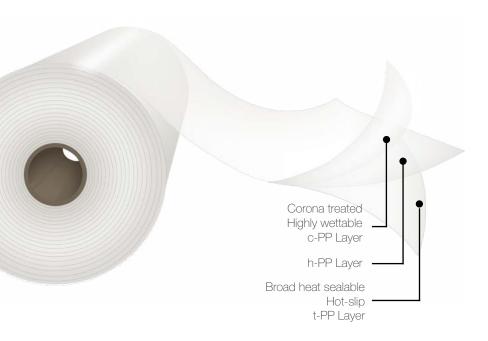


BOPP Film

Clear, two side heat sealable, one side corona treated with high wettability





Description

Opp SealFilm \mathbf{x} is a two side sealable film, one side corona treated. It contains a combined migratory / non-migratory slip and antistatic package for high slip level, low static generation and high wettability in its treated face. The untreated face offers a broad heat seal range. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Hot-slip.
- Broad heat seal range.
- Outstanding slip and antiestatic properties.
- Excellent flatness and dimensional stability.
- Highly wettable treated side.

Applications

Designed to be employed in high speed printing processes due to its highly wettable corona treatment in one side. This product can be used in a great variety of converting processes for the food and industrial packaging, as a mono-web or in laminations. It meets FDA regulations for direct food contact. Its seal and hot slip properties allow it to be used in multiple VFFS or HFFS high speed packaging machinery at different packing temperature conditions, in fin and/or lap seals.

* 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 (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	670 mm Φ O	utside Diam.	760 mm Φ Οι	Treated	
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	Face
S C x 15	15.0	13.6	400 to 2,000	3" & 6"	14,950	1.89	27,700	3.77	Outside
S C x 17	17.5	15.8			12,700		23,450		
S C x 20	20.0	18.1			11,100		20,550		
S C x 25	25.0	22.6			8,900		16,500		
S C x 30	30.0	27.2			7,400		13,700		
S C x 35	35.0	31.7			6,350		11,750		
S C x 40	40.0	36.2			5,550		10,300		
S C x 50	50.0	45.3			4,450		8,250		

Typical Values of Physical **Properties ***

Barrer 1	Unit	Testing Method	Thickness in Microns								
Property			15	17.5	20	25	30	35	40	50	
Haze	%	ASTM D1003	2	.0	2.2		2.4		2.6		
Gloss @ 45°	%	ASTM D2457		80							
Coefficient of Friction - Kinetic	NT/NT		ASTM D1894	0.20							
Coefficient of Friction - Kinetic	T/T	-		0.30 0.25				0.15			
Tanadi a Characath	MD	N/mm ²	ASTM D882	125							
Tensile Strength	TD	N/mm-		235							
Florestics at Decale	MD	0/		180							
Elongation at Break	TD	%		50							
C	MD	N1/2		1,700							
Secant Modulus @ 2%	TD	N/mm ²		3,000							
Surface Tension	dyne/cm	ASTM D2578	40								
NT/NT		00		105							
Heat Seal Initiation Temperature	T/T	°C	ASTM F88 ASTM F2029A @ 40 psi, 1 s	125							
0 101 11 0 10500	NT/NT	11/05		4.0		5	5.0 6		7.0		.0
Seal Strength @ 135°C	T/T	N/25 mm		3.5		4.5		5.5	6.5		7.5
Water Vapor T. R. @ 38 °C, 90% F	g/(m ² .day)	ASTM F1249	8.5	7.2	6.5	5.6	4.7	3.7	2.8	1.9	
Oxygen T. R. @ 23°C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	2,900	2,400	2,200	1,800	1,600	1,220	900	580	

