

BOPP Film

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



Opp SealFilm x

SCx



Description

Opp SealFilm 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 anti-static 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*

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

OppFilm Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	670 mm Φ Outside Diam.		760 mm Φ Outside Diam.		Treated Face
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
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 *

*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									
			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									
	T/T		0.30			0.25			0.15			
Tensile Strength	MD	N/mm ²	125									
	TD		235									
Elongation at Break	MD	ASTM D882	180									
	TD		50									
Secant Modulus @ 2%	MD	N/mm ²	1,700									
	TD		3,000									
Surface Tension	dyne/cm	ASTM D2578	40									
Heat Seal Initiation Temperature	NT/NT	ASTM F88	105									
	T/T		125									
Seal Strength @ 135°C	NT/NT	ASTM F2029A @ 40 psi, 1 s	4.0		5.0		6.0		7.0			
	T/T		3.5		4.5		5.5		6.5	7.5		
Water Vapor T. R. @ 38 °C, 90% R. H.	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		

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