

## 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 (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	22½" Φ Outside Diam.		30" Φ Outside Diam.		Treated Face
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
S C x 15	0.59	51,800	15 to 80	3" & 6"	49,000	10.58	90,900	21.10	Outside
S C x 17	0.69	44,400			41,700		76,900		
S C x 20	0.79	38,900			36,400		67,400		
S C x 25	0.98	31,100			29,200		54,100		
S C x 30	1.18	25,900			24,300		44,900		
S C x 35	1.38	22,200			20,800		38,500		
S C x 40	1.57	19,400			18,200		33,800		
S C x 50	1.97	15,500			14,600		27,100		

## 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 mils								
			0.59	0.69	0.79	0.98	1.18	1.38	1.57	1.97	
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	lb/in <sup>2</sup>	18,100								
	TD		34,100								
Elongation at Break	MD	ASTM D882	180								
	TD		50								
Secant Modulus @ 2%	MD	lb/in <sup>2</sup>	247,000								
	TD		435,000								
Surface Tension	dyne/cm	ASTM D2578	40								
Heat Seal Initiation Temperature	NT/NT	ASTM F88	220								
	T/T		255								
Seal Strength @ 275°F	NT/NT	ASTM F2029A @ 40 psi, 1 s	410		510		610		710		
	T/T		360		460		560		660		770
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in <sup>2</sup> .day)	ASTM F1249	0.55	0.45	0.40	0.35	0.30	0.25	0.20	0.10	
Oxygen T. R. @ 73 °F, 0% R. H.	cm <sup>3</sup> /(100 in <sup>2</sup> .d)	ASTM D3985	185	155	140	115	105	80	60	35	

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