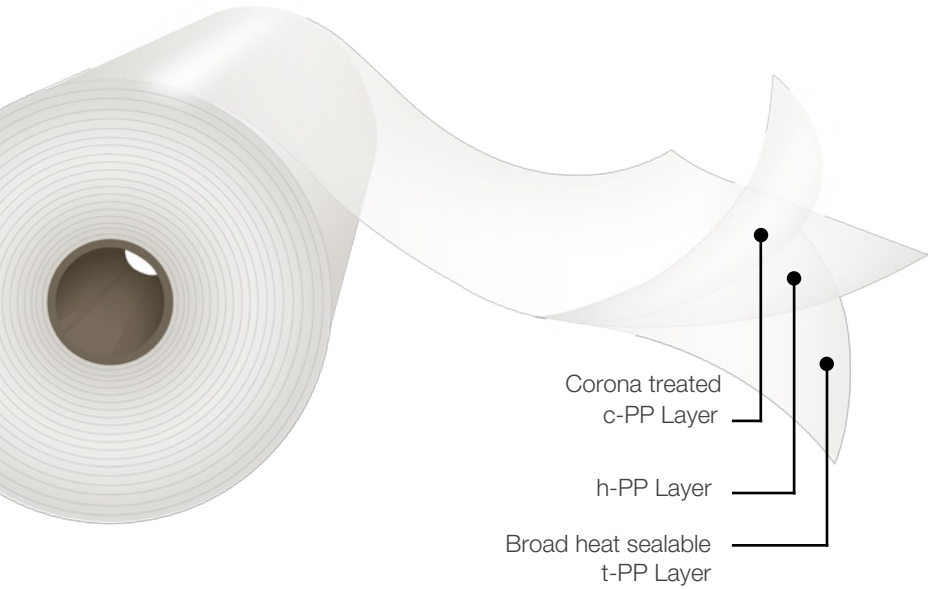
BOPP Film

Clear, two side heat sealable, one side corona treated



Opp Seal Film

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Description

Opp Seal Film is a clear film, two side heat-sealable with one side corona treated. It contains a combined migratory / non-migratory slip and antistatic package for high slip level and low static generation. The untreated face confers a broad heat seal range. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Hot slip.
- Multiple usages.
- Outstanding slip and antistatic properties.
- Treated face suitable for good bonds to inks and adhesives.
- Excellent flatness and dimensional stability.
- Broad heat seal range.

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 meets the FDA regulations for direct food contact. Its seal properties allow it to be used in multiple VFFS or HFFS automatic packaging machinery, 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%.To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.

The information in this data sheet is based on tests carried out in our laboratories and is intended to be used for reference only. It should not be construed as a guarantee of performance. It is recommended that the user exceutes the necessary tests to ensure adequate performance for the intended applications.

Standard Dimensions*

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

OppFilm Code	Thickness (mils)	Yield (in^2/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)	
SC 12	0.49	62,200	15 to 80	3" & 6"	60,700	10.58	112,500	21.10	Outside
SC 15	0.59	51,800			49,000		90,900		
SC 17	0.69	44,400			41,700		76,900		
SC 20	0.79	38,900			36,400		67,400		
SC 23	0.91	33,800			32,000		59,000		
SC 25	0.98	31,100			29,200		54,100		
SC 30	1.18	25,900			24,300		44,900		
SC 35	1.38	22,200			20,800		38,500		
SC 40	1.57	19,400			18,200		33,800		
SC 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									
				0.47	0.59	0.69	0.79	0.91	0.98	1.18	1.38	1.57	1.97
Haze		%	ASTM D1003		2.0			2.2			2.6		2.9
Gloss @ 45°		%	ASTM D2457					80					
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894					0.20					
	T/T				0.35				0.25				
Tensile Strength	MD	lb/in^2	ASTM D882					18,100					
	TD							34,100					
Elongation at Break	MD	%						180					
	TD							50					
Secant Modulus @ 2%	MD	lb/in^2						247,000					
	TD							435,000					
Surface Tension		dyne/cm	ASTM D2578					38					
Heat Seal Initiation Temperature	NT/NT	°F	ASTM F88 ASTM F2029A @ 40psi					220					
	T/T							255					
Seal Strength @ 275°F	NT/NT	g/in			410			510			610		710
	T/T				360			460			560		610
Water Vapor T. R. @ 100° F, 90% R. H.		g/(100 in^2.day)	ASTM F1249	0.70	0.55	0.45	0.40	0.40	0.35	0.30	0.30	0.25	0.20
Oxygen T. R. @ 73° F, 0% R. H.		cm^3/(100 in^2.d)	ASTM D3985	225	185	155	140	130	115	105	90	75	65

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Notes: MD - Machine Direction | TD - Transverse Direction | NT - Non Treated Side | T - Corona Treated Side