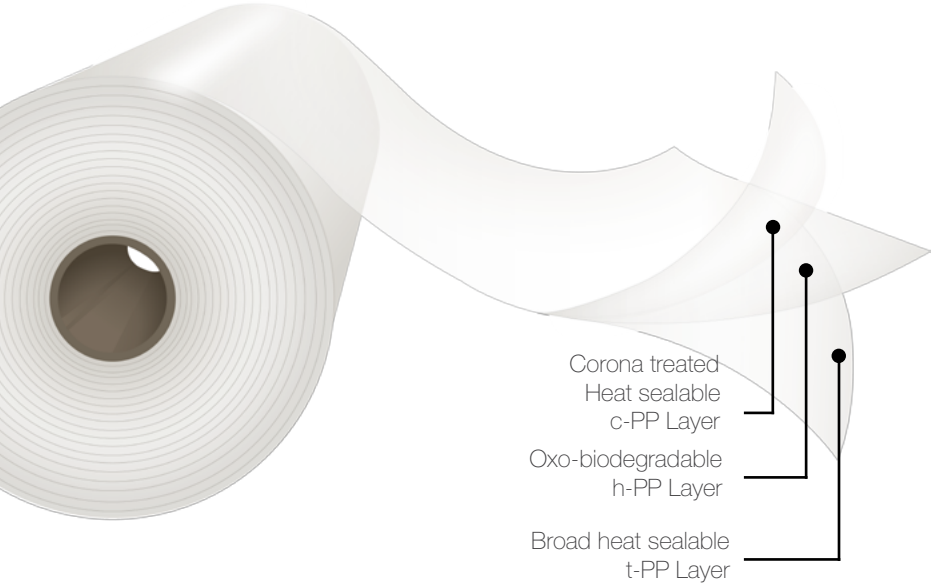
BOPP Film

One side corona treated, two side heat sealable, oxo-biodegradable.



Opp Seal Film e

S C e

Description

Opp Seal Film e is a transparent film containing oxo-biodegradable additive. This film is heat sealable in both sides and corona treated in one side. It contains a combined migratory / non-migratory slip and antistatic package for high slip level and low static generation. The untreated face offers a broad heat seal range. The corona treated side is located on the outside face of the reel.

Main Characteristics

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

Applications

This film is designed to be employed in a great variety of converting process for the food and industrial packaging as a mono-web or in laminated structures. It meets the European Union regulations for direct food contact Its seal properties allow it to be used in multiple VFFS or HFFS automatic packaging machinery with fin and/or lap seals. The oxo-biodegradable additive promotes polymer degradation after one year from the date of production. The film is finally decomposed into biomass, water and carbon dioxide.

* 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^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)	
S C e 15	0.6	51,800	15 to 80	3" & 6"	49,000	10.58	90,900	21.10	Outside
S C e 17	0.7	44,400			41,700		76,900		
S C e 20	0.8	38,900			36,400		67,400		
S C e 25	1.0	31,100			29,200		54,100		
S C e 30	1.2	25,900			24,300		44,900		
S C e 35	1.4	22,200			20,800		38,500		
S C e 40	1.6	19,400			18,200		33,800		
S C e 50	2.0	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		2.6		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, 1s	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	0.55	0.45	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	185	155	140	115	105	90	75	65

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