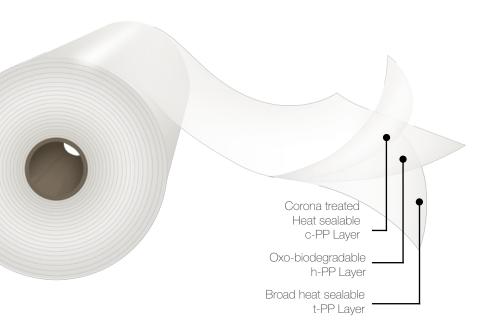


BOPP Film

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





Description

Opp SealFilm 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*

Typical Values
of Physical
Properties *

Opp Film	Thickness (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	570 mm Φ Οι	ıtside Diam.	760 mm Ф О	Treated	
Code					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	Face
S C e 15	15.0	13.6	400 to 2,000		14,950	1.89	27,700	3.77	Outside
S C e 17	17.5	15.8			12,700		23,450		
S C e 20	20.0	18.1		3" & 6"	11,100		20,550		
S C e 25	25.0	22.6			8,900		16,500		
S C e 30	30.0	27.2			7,400		13,700		
S C e 35	35.0	31.7			6,350		11,750		
S C e 40	40.0	36.2			5,550		10,300		
S C e 50	50.0	45.3			4,450		8,250		

B	Unit	Testing Method	Thickness in Microns								
Property			15	17.5	20	25	30	35	40	50	
Haze	%	ASTM D1003	2.0 2.2		2.2	2.6		.6	2.9		
Gloss @ 45°	%	ASTM D2457	80								
Coefficient of Friedran Winstin	NT/NT		ASTM D1894	0.20							
Coefficient of Friction - Kinetic	T/T	-		0.35 0.25							
Tanaila Chanath	MD	N/mm ²	ASTM D882	125							
Tensile Strength	TD	N/mm-		235							
E	MD	%		180							
Elongation at Break	TD	%		50							
Const Madulus @ 20/	MD	N/mm ²		1,700							
Secant Modulus @ 2%	TD	N/mm-		3,000							
Surface Tension	dyne/cm	ASTM D2578	38								
Heat Seal Initiation Temperature	NT/NT	°C		105							
	T/T		ASTM F88 ASTM F2029A @ 40psi, 1s	125							
0 101 11 0 10500	NT/NT	N/05		4.0 5.0			6.0			7.0	
Seal Strength @ 135°C	T/T	N/25 mm		3.5 4.5			5.5 6			6.0	
Water Vapor T. R. @ 38 °C, 90% R.	g/(m ² .day)	ASTM F1249	8.5	7.2	6.5	5.6	4.7	4.3	3.8	3.4	
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	1,400	1,200	1,000	

Opp SealFilm e