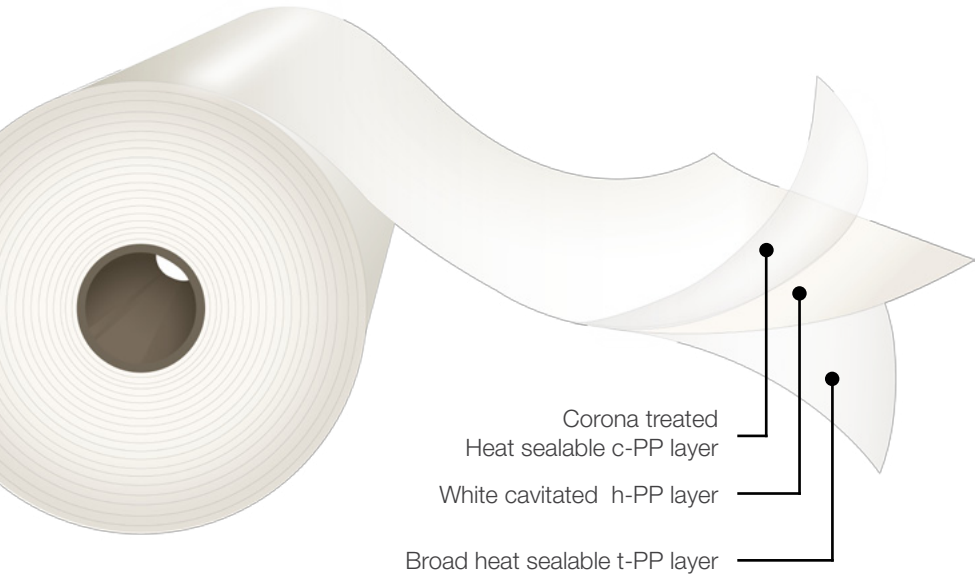
White Cavitated BOPP Film

Two side heat sealable, one side corona treated.



Opp Perla Film

P C

Description

Opp Perla Film is a film with controlled cavitation and white pigmentation. The film density is optimized to minimize seal failure through the core layer. It contains a combined migratory / non-migratory slip and antistatic package for an excellent machinability. The untreated face offers a broad heat seal range. The corona treated side is located on the outside.

Main Characteristics

- Optimized cavitation
- Excellent opacity and whiteness
- Outstanding flatness and dimensional stability
- Corona treated outside suitable for good bonds to inks and adhesives
- Broad heat seal range
- Excellent flatness and dimensional stability

Applications

This product is designed to be used in a great variety of converting processes for the food and industrial packaging, as a wrap or in laminations. Its density has been optimized in order to increase its handling resistance and enhance the heat sealing force in flexible package. It meets FDA regulations for direct food contact. Its seal properties allow it to be used in multiple VFFS or HFFS 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%

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/m²)	Width (mm)	Core Size	570 mm Φ Outside Diam.		760 mm Φ Outside Diam.		Treated Face
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
P C 25	25.0	17.5	400 to 2,000	3" & 6"	8,300	1.45	16,500	2.88	Outside
P C 30	30.0	21.0			6,900		13,700		
P C 35	35.0	24.5			5,900		11,800		
P C 40	40.0	28.0			5,200		10,300		

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			
				25	30	35	40
Light Transmission		%	ASTM D1003	35	30	25	22
Gloss @ 45°		%	ASTM D2457	60			
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894	0.30			
	T/T						
Tensile Strength	MD	N/mm²	ASTM D882	80			
	TD			180			
Elongation at Break	MD	%		150			
	TD			40			
Secant Modulus @ 2%	MD	N/mm²		1,700			
	TD			3,000			
Surface Tension		dyne/cm	ASTM D2578	38			
Heat Seal Initiation Temperature	NT/NT	°C	ASTM F88 ASTM F2029A @ 40 psi, 1 s	105			
	T/T			125			
Seal Strength @ 140°C	NT/NT	N/25 mm		3.5			
	T/T			3.5			
Water Vapor T. R. @ 38 °C, 90% R. H.		g/(m².day)	ASTM F1249	6.5	5.6	5.1	4.7
Oxygen T. R. @ 23° C, 0% R. H.		cm³/(m².day)	ASTM D3985	2,200	1,800	1,700	1,600

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