

White BOPP Film

Full density, two side heat sealable, one side corona treated.



Opp WhiteFilm

W C

Description

Opp WhiteFilm is a two side sealable, one side treated, white pigmented film with a full density core. It contains a combined migratory / nonmigratory 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

- White pigmented
- Low light transmission
- Optimized full density
- High heat seal strength and broad heat seal range
- Excellent flatness and dimensional stability
- One side corona treated

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 laminations. It meets the FDA regulations for direct food contact. Due to its full density, this film is recommended in applications where high seal strength and integrity are required. Its pigmentation provides a good glossy white background with high opacity. 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/m ²)	Width (mm)	Core Size	570 mm Ø Outside Diam.		760 mm Ø Outside Diam.		Treated Face
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
W C 17	17.5	16.6	400 to 2,000	3" & 6"	11,700	1.98	23,400	3.94	Outside
W C 20	20.0	19.0			10,200		20,400		
W C 25	25.0	23.8			8,200		16,400		
W C 30	30.0	28.5			6,800		13,600		
W C 35	35.0	33.3			5,800		11,700		

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					
			17.5	20	25	30	35	
Light Transmission	%	ASTM D1003	50	45	40	35	30	
Gloss @ 45°	%	ASTM D2457	80					
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894	0.20				
	T/T			0.35	0.25			
Tensile Strength	MD	N/mm ²	ASTM D882	120				
	TD			280				
Elongation at Break	MD	%	ASTM D882	180				
	TD			50				
Secant Modulus @ 2%	MD	N/mm ²	ASTM D882	1,700				
	TD			3,000				
Surface Tension	dyne/cm	ASTM D2578	38					
Heat Seal Initiation Temperature	NT/NT	°C	ASTM F88	105				
	T/T			125				
Seal Strength @ 140°C	NT/NT	N/25 mm	ASTM F2029A @ 40 psi, 1.0 s	4.0		5.0		
	T/T			4.0		5.0		
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m ² .day)	ASTM F1249	6.5	5.6	4.7	4.3	4.0	
Oxygen T. R. @ 23°C, 0% R. H.	cm ³ /(m ² .day)	ASTM F1249	2,200	1,800	1,600	1,400	1,300	

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