

## 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 (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	22½" Ø Outside Diam.		30" Ø Outside Diam.		Treated Face
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
W C 17	0.69	42,300	15 to 80	3" & 6"	38,400	11.08	76,800	22.06	Outside
W C 20	0.79	37,000			33,500		66,900		
W C 25	0.98	29,600			26,900		53,800		
W C 30	1.18	24,700			22,300		44,600		
W C 35	1.38	21,200			19,000		38,400		

## 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				
			0.69	0.79	0.98	1.18	1.38
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	ASTM D882	17,400				
	TD		40,600				
Elongation at Break	MD		180				
	TD		50				
Secant Modulus @ 2%	MD	247,000					
	TD	435,000					
Surface Tension	dyne/cm	ASTM D2578	38				
Heat Seal Initiation Temperature	NT/NT	ASTM F88	220				
	T/T		255				
Seal Strength @ 280 °F	NT/NT	ASTM F2029A @ 40 psi, 1.0 s	410		510		
	T/T		410		510		
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in <sup>2</sup> .day)	ASTM F1249	0.4	0.4	0.3	0.3	0.3
Oxygen T. R. @ 73°F, 90% R. H.	cm <sup>3</sup> /(100 in <sup>2</sup> .d)	ASTM F1249	140	115	105	90	85

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