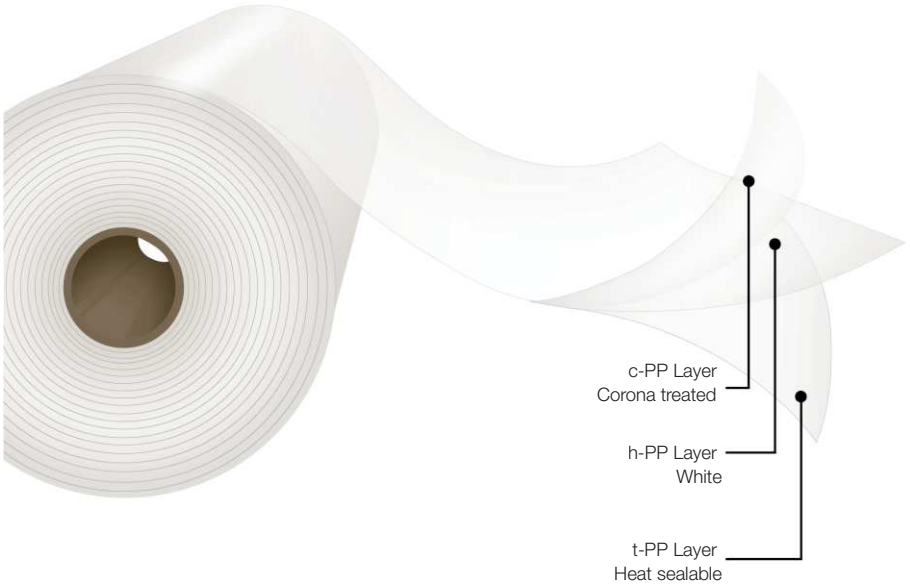
White CPP Film

CPP WhiteFilm

CWC



Two side heat sealable, one side corona treated

Description

Coextruded film made of an optimized blend of polypropylene resins and white pigment in the core layer that assure low heat seal temperature in the untreated side with an optimal balance of light transmission, rigidity, slip level and tear resistance. Its formulation presents good moisture barrier. The corona treated side is located on the outside face of the reel.

Main Characteristics

- White pigmented.
- Heat sealable.
- High slip level.
- Excellent flatness and dimensional stability.
- Corona treated outside.

Applications

This product is designed to be used as a mono-web or in laminations where a glossy white background is required. Due to the film excellent whiteness, the converters may take advantage to save or even eliminate white ink in their designs. It meets FDA and EU regulations for food contact. This film can be side welded or fin/lap flat sealed to itself or to coextruded BOPP film. Its seal properties allow for its usage in multiple VVFS or HFFS packaging machinery.

*** Important Considerations**

- It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.
-The information in this data sheet is based on tests carried out in our laboratories and it is intended to be used for reference only, and does not constitute a specification; therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.
- This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, please visit our website: https://www.obengroup.com/en/documents

Standard Dimensions *

*This product has lot size and width restrictions. Please consult your sales representative.

Film Code	Thickness (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	760 mm Φ Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
CWC 20	20.0	18.8	400 to 2,000	3" and 6"	21,500	4.03	Corona outside
CWC 25	25.0	23.5			17,200		
CWC 28	28.0	26.3			15,400		
CWC 30	30.0	28.2			14,300		
CWC 38	38.0	35.7			11,300		
CWC 40	40.0	37.6			10,800		
CWC 50	50.0	47.0			8,600		
CWC 60	60.0	56.4			7,200		
CWC 75	75.0	70.5			5,800		
CWC 100	100.0	94.0			4,300		

Typical Values of Physical Properties **

**Information and data presented in this data sheet is intended to be used as general guidelines.Physical properties specifications are available upon request.

Property		Unit	Testing Method	Thickness in Microns									
				20.0	25.0	28.0	30.0	38.0	40.0	50.0	60.0	75.0	100.0
Light Transmission	-	%	ASTM D1003	50	45	42	40	30	25			20	
Gloss 45°			ASTM D2457	90									85
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.15									
	T/T			0.15									
Secant Modulus 2%	DM	N/mm²	ASTM D882	600									
	DT			550									
Impact Resistance	-	J	ASTM D3420	0.8	1.2			1.8		2.2		2.5	
Tear Resistance	DM	N	ASTM D1922	0.3									
	DT			3.5			4.5					6.0	
Surface Tension	T	dyn/cm	ASTM D2578	37									
Heat Seal Initiation Temperature	N/N	°C	ASTM F2029	115									
	T/T			130									
Seal Strength (140°C, 40 psi, 1s)	N/N	N/25mm	ASTM F88	10	12		14	15	16	18		30	
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	g/(m².día)	ASTM F1249	12	11		10	9	8			7	6
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm3/(m².día)	ASTM D3985	3650	3600		3550	3500	3450	3400	3300	3000	2800

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Notes: DM - Machine Direction | DT - Transverse Direction | N - Untreated Side | T - Corona Treated Side