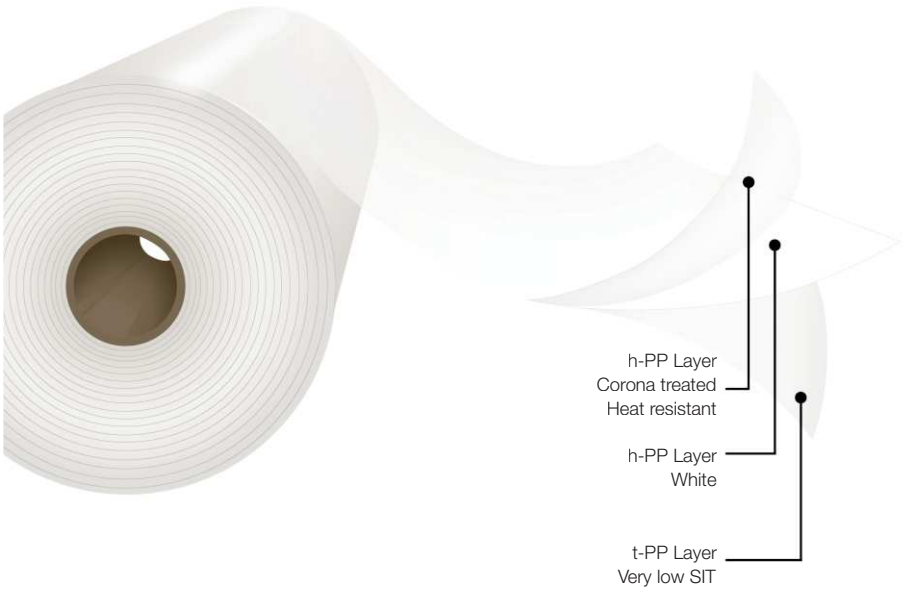
White CPP Film

CPP WhiteFilm

CWLH



One side corona treated with heat resistance, heat sealable with very low SIT on reverse side

Description

Coextruded film made of an optimized blend of polypropylene resins and white pigment in the core layer that assures low heat seal temperature in the non-treated side with an optimal balance of light transmission and tear resistance. It is formulated with a combined migratory / non-migratory slip and antistatic package for high slip level and low static generation. Its formulation presents a good moisture barrier.

Main Characteristics

- White pigmented.
- High flexibility.
- Heat resistance for sealing jaw temperatures.
- Outstanding slip and antistatic properties.
- Good tear strength.
- Excellent flatness and dimensional stability.

Applications

Designed to be used as a mono-web or in laminations where a glossy white background is required. Due to its excellent whiteness, converters may take advantage to save or even eliminate white ink in their designs. This film can be side welded or fin flat sealed in all kind of automatic or manual vertical and horizontal packing machinery. Its sealant properties allow this film to be employed in many high speed applications. It meets FDA and EU regulations for food contact.

*** 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 (mils)	Yield (in²/lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
CWLH 25	0.98	30,000	15 to 80	3" & 6"	56,500	22.56	Outside
CWLH 28	1.10	26,800			50,600		
CWLH 30	1.18	25,000			47,000		
CWLH 50	1.97	15,000			28,300		

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 Mils			
				0.98	1.10	1.18	1.97
Light Transmission	-	%	ASTM D1003	45		42	35
Gloss 45°			ASTM D2457	90			
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.2			
	T/T			0.2			
Secant Modulus 2%	DM	lb/in²	ASTM D882	87,100			
	DT			79,800			
Impact Resistance	-	lb-ft	ASTM D3420	100			
Tear Resistance	DM	lb	ASTM D1922	0.07			
	DT			0.79		1.01	
Surface Tension	T	dyn/cm	ASTM D2578	37			
Heat Seal Initiation Temperature	N/N	°F	ASTM F2029	212			
Seal Strength (284°F, 40 psi, 1s)		g/in	ASTM F88	1,300		1,500	1,900
Water Vapor Transmission Rate (100.4 °F, 90 % R.H.)	-	g/(100 in².day)	ASTM F1249	0.77		0.71	0.58
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)		cm3/(100 in².day)	ASTM D3985	235	232	229	219

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