

## CPP Film

### CPP SealFilm



*Two side heat sealable, one side corona treated*

### Description

Coextruded film made of an optimized blend of polypropylene resins that delivers high sealability with an optimal balance of 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

- Multiple usages.
- Wide heat seal range.
- High slip level.
- Excellent flatness and dimensional stability.
- Outside face corona treated suitable for good bonds to inks and adhesives.

### Applications

This product is designed to be used in laminations with other substrates such as BOPP and BOPET as well as mono-web in a great variety of bag designs. This film can be side welded or fin / lap flat sealed to itself or to coextruded BOPP films. Its seal properties allow for its usage in multiple VVFS or HFFS packaging machinery. It meets the 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 (in <sup>2</sup> /lb)	Width (in)	Core Size	30" $\Phi$ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
CC 15	0.59	51,900	15 to 80	3" & 6"	90,900	21.05	Outside
CC 17	0.69	44,500			78,100		
CC 20	0.79	38,900			68,300		
CC 25	0.98	31,100			54,800		
CC 30	1.18	26,000			45,700		
CC 35	1.38	22,300			39,100		
CC 40	1.57	19,500			34,200		
CC 45	1.77	17,300			30,600		
CC 50	1.97	15,600			27,600		
CC 60	2.36	13,000			23,000		
CC 70	2.76	11,200			19,700		
CC 100	3.94	7,800			13,800		

## 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											
			0.59	0.69	0.79	0.98	1.18	1.38	1.57	1.77	1.97	2.36	2.76	3.94
Gloss @ 45°	%	ASTM D2457	80			75			70			65		
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.13											
	T/T		0.13											
Secant Modulus @ 2%	MD	ASTM D882	87,000											
	TD		80,000											
Impact Resistance	lb-ft	ASTM D3420	0.6	0.7	0.9	1.3			1.6	1.9	2.6			
Tear Resistance	MD	ASTM D1922	0.07											
	TD		0.8	0.9	1.0			1.1	1.3					
Surface Tension	dyne/cm	ASTM 2578	37											
Heat Seal Initiation Temperature	N/N	ASTM F2029	250											
	T/T		265											
Seal Strength @ 285 °F	N/N	ASTM F88	1000			1450	1850	2150	2550		2950			
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in <sup>2</sup> .day)	ASTM F1249	0.95	0.90	0.85	0.75	0.70	0.65	0.60	0.50	0.45	0.30		
Oxygen T. R. @ 73 °F, 0% R. H.	cm <sup>3</sup> /(100 in <sup>2</sup> .day)	ASTM D3985	245	240	240	235	230	230	225	225	220	215	205	185

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