

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 (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
CC 15	15.0	13.6	400 to 2,000	3" & 6"	27,700	3.76	Outside
CC 17	17.5	15.8			23,800		
CC 20	20.0	18.1			20,800		
CC 25	25.0	22.6			16,700		
CC 30	30.0	27.1			13,900		
CC 35	35.0	31.7			11,900		
CC 40	40.0	36.2			10,400		
CC 45	45.0	40.7			9,300		
CC 50	50.0	45.3			8,400		
CC 60	60.0	54.3			7,000		
CC 70	70.0	63.4			6,000		
CC 100	100.0	90.5			4,200		

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													
			15.0	17.5	20.0	25.0	30.0	35.0	40.0	45.0	50.0	60.0	70.0	100.0		
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	600													
	TD		550													
Impact Resistance	J	ASTM D3420	0.8		1.0		1.2		1.8		2.2		2.6		3.6	
Tear Resistance	MD	ASTM D1922	0.3													
	TD		3.5		4.0		4.5		5.1		5.9					
Surface Tension	dyne/cm	ASTM 2578	37													
Heat Seal Initiation Temperature	N/N	ASTM F2029	120													
	T/T		130													
Seal Strength @ 140 °C	N/N	ASTM F88	10			14			18		21		25		29	
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m ² .day)	ASTM F1249	15	14	13	12	11	10	9	8	7	5				
Oxygen T. R. @ 23 °C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	3,800	3,750	3,700	3,650	3,600	3,550	3,500	3,450	3,400	3,300	3,184	2,866		

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