

## CPP Film

## CPP SealFilm



*Corona treated outside, ultra-low SIT.*

### Description

Coextruded film made of an optimized blend of polypropylene resins that delivers ultra-low heat seal initiation temperature and exceptional hottack range in the untreated face with an optimal balance of transparency, rigidity, slip and tear resistance. Its formulation delivers an excellent moisture barrier. The corona treated side is located on the outside face of the reel.

### Main Characteristics

- Ultra-low SIT.
- Excellent hot-tack.
- High slip level.
- Outstanding flatness and dimensional stability.
- Outside face corona treated suitable for good bonds to inks and adhesives.

### Applications

This product is designed to be employed as a single web or in laminated structures. Its hot-tack allows its use in many applications which require very high speed packaging and sealing over powder contaminants. This film can also be used in multiple VFFS or HFSS packaging machinery, in fin and/or lap seals as well as in side-weld bags. It meets FDA regulations for direct 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 <sup>2</sup> )	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
CA 20	20.0	18.1	400 to 2,000	3" & 6"	20,800	3.76	Outside
CA 30	30.0	27.1			13,900		
CA 35	35.0	31.7			11,900		
CA 40	40.0	36.2			10,400		
CA 50	50.0	45.3			8,400		
CA 60	60.0	54.3			7,000		

## 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	30.0	35.0	40.0	50.0	60.0
Haze	-	ASTM D1003	2.5	3.5		4.5	6.0	
Gloss 45°	-	ASTM D2457	80					
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.15					
	T/T		0.15					
Secant Modulus 2%	DM	ASTM D882	600					
	DT		550					
Impact Resistance	-	ASTM D3420	0.8	1.2		1.8	2.2	
Tear Resistance	DM	ASTM D1922	0.3					
	DT		3.5		4.5			
Surface Tension	-	ASTM D2578	37					
Heat Seal Initiation Temperature	N/N	ASTM F2029	80					
	T/T		130					
Seal Strength (140°C, 40 psi, 1s)	-	ASTM F88	14	17		20	26	
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	ASTM F1249	13	11	10	9	8	
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	3,700	3,600	3,550	3,500	3,450	3,300

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