

CPP Film

CPP SealFilmBio



*Oxo-biodegradable, heat sealable on both sides,
corona treated on one side*

Description

Coextruded film composed of an optimal blend of polypropylene resins that guarantee high sealability with an optimal balance of stiffness, slip and tear resistance. The corona treatment is located on the outer side of the film.

Main Characteristics

- Oxo-biodegradable.
- Multiple application.
- Wide heat-sealing range
- High slip level.
- Excellent flatness and dimensional stability.
- Good ink and adhesive adhesion on the treated side

Applications

This product has been designed for use in laminations with other substrates such as BOPP and BOPET, as well as in single-layer applications in a wide variety of bags. This film can be used in side-weld seals or with fin or lap seals, either with itself or with coextruded BOPP film. Thanks to its sealing characteristics, it is used in automatic VVFS or HFFS packaging machines. It complies with FDA and EU regulations for direct food contact.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and 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 information, 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 ² /lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
CCe 25	0.98	31,100	15 to 80	6"	54,800	21.05	Outside
CCe 30	1.18	26,000			45,700		
CCe 40	1.57	19,500			34,200		

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 Mils		
			0.98	1.18	1.57
Haze	-	ASTM D1003	4.0		5.5
Gloss 45°	-	ASTM D2457	75		
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.15		
Secant Modulus 2%	DM	ASTM D882	87,100		
	DT		79,800		
Impact Resistance	-	ASTM D3420	100		
Tear Resistance	DM	ASTM D1922	0.07		
	DT		0.90	1.01	
Surface Tension	T	ASTM D2578	37		
Heat Seal Initiation Temperature	N/N	ASTM F2029	248		
Seal Strength (284°F, 40 psi, 1s)	N/N	ASTM F88	1,500		1,900
Water Vapor Transmission Rate (100.4 °F, 90 % R.H.)	-	ASTM F1249	0.77	0.71	0.58
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)	-	ASTM D3985	235	232	226

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