

CPP Film

Two side heat sealable, one side corona treated, one side very low SIT



Description

Cpp SealFilm L is a coextruded film made of an optimized blend of polypropylene resins that delivers very low heat seal initiation temperature and exceptional hot-tack 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

- Very 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. It meets FDA regulations for direct food contact. Its hot-tack allows its use in many applications which require high speed packaging. 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.

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Cpp SealFilm L

CL



Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative.

CppFilm Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	570 mm Φ Outside Diam.		760 mm Φ Outside Diam.		Treated Face
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
CL 20	20.0	18.1	400 to 2,000	3" & 6"	11,200	2.03	20,800	3.76	Outside
CL 25	25.0	22.6			9,000		16,600		
CL 30	30.0	27.2			7,500		13,800		
CL 35	35.0	31.7			6,400		11,900		
CL 40	40.0	36.2			5,600		10,400		
CL 50	50.0	45.3			4,500		8,300		
CL 60	60.0	54.3			3,700		6,900		

Typical Values of Physical Properties *

*Information and data presented in this data sheet is intended to be used as general guidelines. Technical specifications are available upon request.

Property	Unit	Testing Method	Thickness in microns						
			20	25	30	35	40	50	60
Haze	%	ASTM D1003	3.0			4.5		5.0	6.5
Gloss @ 45°	%	ASTM D2457	85						
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894	0.15					
	T/T								
Secant Modulus @ 2%	MD	N/mm ²	ASTM D882	600					
	TD			550					
Impact Resistance	J	ASTM D3420	0.8		1.2		1.8		2.2
Tear Resistance	MD	N	ASTM D1922	0.3					
	TD			3.5		4.5			
Surface Tension	dyne/cm	ASTM 2578	37						
Heat Seal Initiation Temperature	NT/NT	°C	ASTM F88/F2029A	105					
	T/T			130					
Seal Strength @ 140 °C	N/25mm	@ 40 psi, 1 s	12		14		18		24
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m ² .day)	ASTM F1249	13	12	11	10	9		8
Oxygen T. R. @ 23°C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	3,700	3,650	3,600	3,550	3,500	3,450	3,300

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