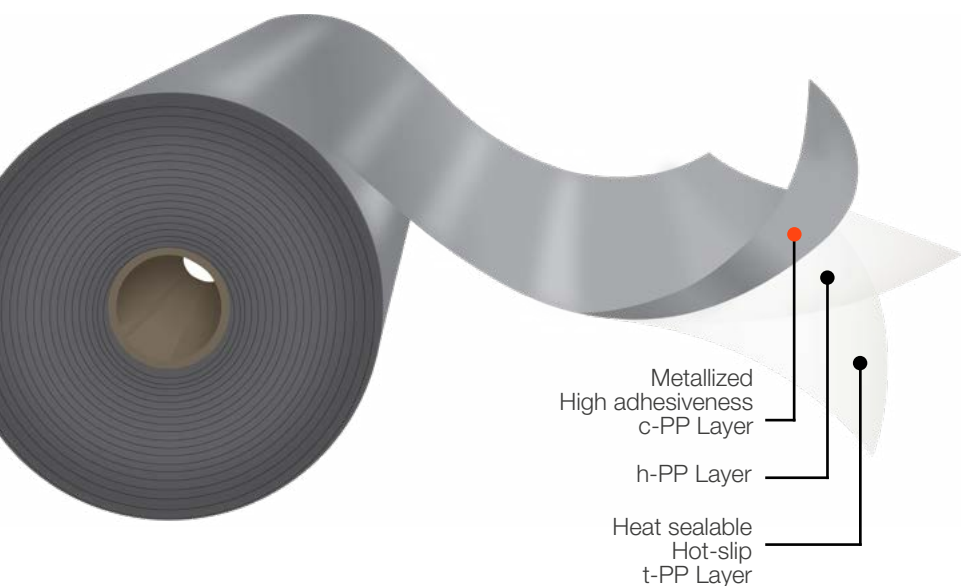


Metallized CPP Film

High barrier, heat sealable on one side



Cpp MetalFilm

CM C

Description

Cpp MetalFilm is a polypropylene film, one side metallized film by a controlled vacuum deposition of high purity aluminum. The base film is formulated with non-migratory additives for stable slip properties and excellent metal adhesion. The untreated face confers high sealability with an optimal balance between tear strength and rigidity. The metallized side is located on the outside face of the reel.

Main Characteristics

- Hot-slip.
- Free from migratory additives.
- Outside face metallized for high barrier to UV light, gases and odors.
- Broad heat seal range.
- Outstanding sealing strength.
- Excellent flatness and dimensional stability.

Applications

This film is typically used as the internal web in laminations for products which require excellent light protection and high moisture and/or oxygen barrier. It is recommended to use adhesives with good elastic curing to avoid affecting lamination bonds. In order to meet FDA and EU guidelines for food contact, the metal surface should be located in either the outer surface or embedded within the laminated structure. This film produces high seal strength and package hermeticity.

* 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.
- For best results, it is recommended to bump treat the metal surface during lamination.

Standard Dimensions*

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

CppFilm Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treated Face
					Length (ft)	Weight (lb/in)	
CM C 25	0.98	31,100	15 to 80	3" & 6"	54,400	21.05	Outside
CM C 30	1.18	25,900			45,300		
CM C 37	1.46	21,000			19,700		
CM C 40	1.57	19,400			34,100		

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	1.46	1.57
Optical Density	%	AIMCAL TP 101-78	2.2			
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.30			
Secant Modulus @ 2%	MD	ASTM D882	73,000			
	TD		65,000			
Impact Resistance	lb-ft	ASTM D3420	0.9	1.1	1.3	
Tear Resistance	MD	ASTM D1922	0.07			
	TD		0.79	0.9	1.01	
Heat Seal Initiation Temperature	°F	ASTM F2029	240			
Seal Strength @ 284 °F	g/in	ASTM F88	1,000	1,200	1,650	1,850
Water Vapor Transmission Rate @ 100°F, 90% R.H.	g/(100 in ² .day)	ASTM F1249	0.065			

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