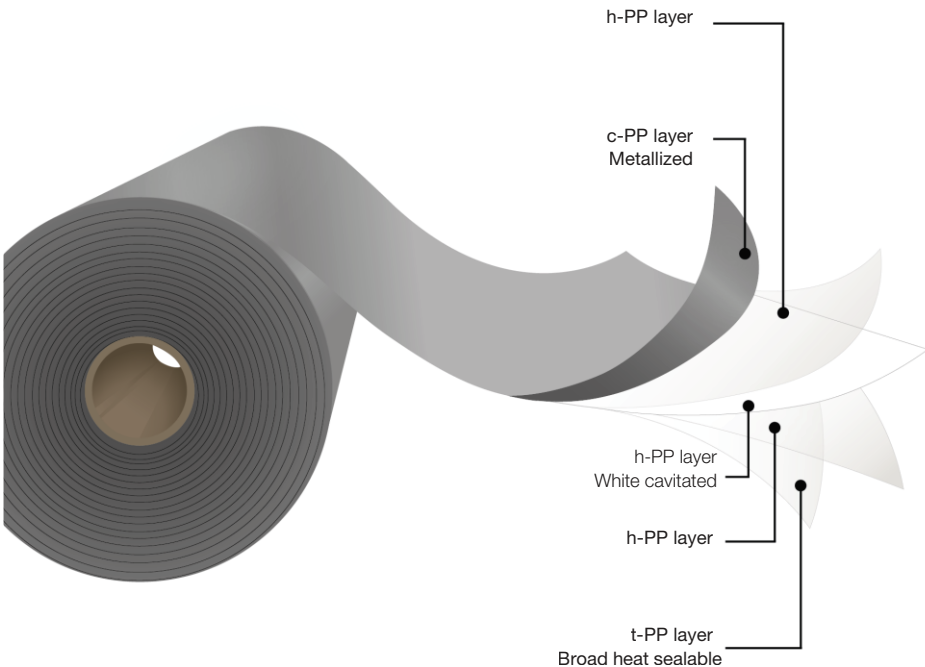


Metallized BOPP Film

OPP MetalVoidFilm



White cavitated, one side heat sealable

Description

Metallized white cavitated film with one side metallized by a controlled vacuum deposition of high purity aluminum. This film is formulated with non-migratory additives for stable slip properties and outstanding metal adhesion. The metallized side is located on the outside face of the reel.

Main Characteristics

- High barrier to UV light, gases and a variety of odors.
- Broad heat seal range.
- Outstanding flatness and dimensional stability.

Applications

This film is typically used as the internal web in laminations for products which require excellent light protection, high moisture and / or oxygen barrier. 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. Its seal properties allow it to be used in multiple VFFS or HFFS packaging machinery, in in and/or lap seals.

* 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	570 mm Ø Outside Diam.		760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
MVC 25	25.0	17.5	400 a 2,000	3" y 6"	8,300	1.44	15,200	2.66	Metalizado Externo
MVC 30	30.0	21.0			6,900		12,700		
MVC 35	35.0	24.5			5,900		10,900		
MVC 40	40.0	28.0			5,200		9,500		

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			
			25.0	30.0	35.0	40.0
Optical Density	DM	-	AIMCAL TP 101-78			
Coefficient of Friction - Kinetic	DT	-	ASTM D1894			
Tensile Strength	DM	N/mm ²	80			
	DT		150			
Elongation at Break	N/N	%	ASTM D882			
			130			
Secant Modulus 2%	-	N/mm ²	50			
			2000			
Heat Seal Initiation Temperature	N/N	°C	ASTM F2029			
		N/25mm	4.0		6.0	
Seal Strength (100°C, 40 psi, 1s)	-	g/(m ² .día)	ASTM F1249			
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	cm ³ /(m ² .día)	ASTM D3985			
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-		90			

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