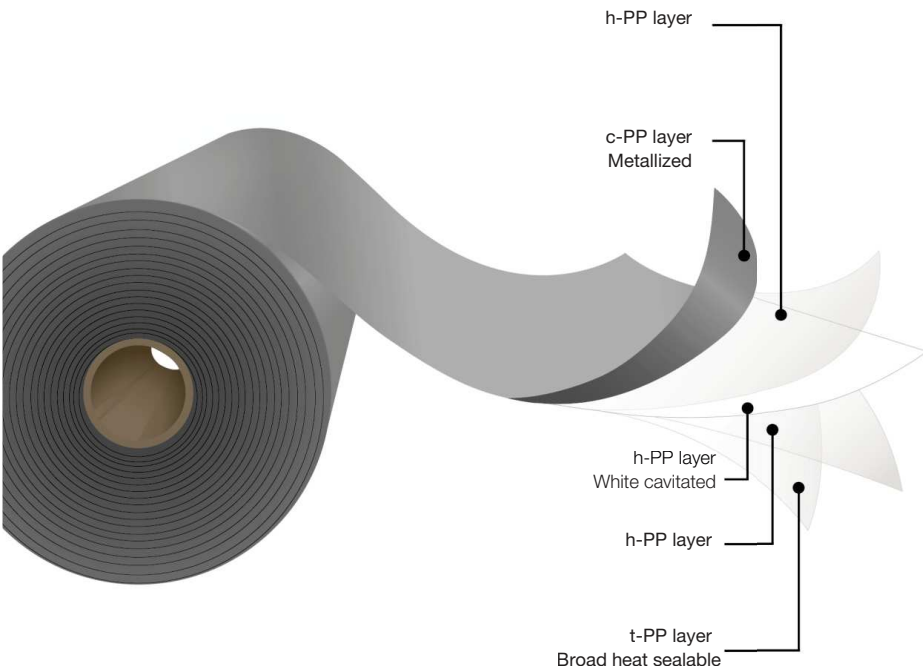


Metallized Multilayer BOPP film

OPP MetalVoidFilm



Cavitated white, multilayer, heat-sealable on reverse side

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

- Treated side for ink applications and/or laminations.
- 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. 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, 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 (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 to 2,000	3" & 6"	8,300	1.44	15,200	2.66	Metal Out
MVC 28	28.0	19.6			7,400		13,600		
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	28.0	30.0	35.0	40.0
Optical Density	DM	-	AIMCAL TP 101-78	2.2				
Coefficient of Friction - Kinetic	DT	-	ASTM D1894	0.30				
Tensile Strength	DM	N/mm ²	ASTM D882	80				
	DT			150				
Elongation at Break	N/N	%		130				
	-	N/mm ²		50				
Secant Modulus 2%	-	N/mm ²		2,000				
	-	N/mm ²	3,500					
Heat Seal Initiation Temperature	N/N	°C	ASTM F2029	105				
Seal Strength (100°C, 40 psi, 1s)	N/N	N/25mm	ASTM F88	4.0		6.0		

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