

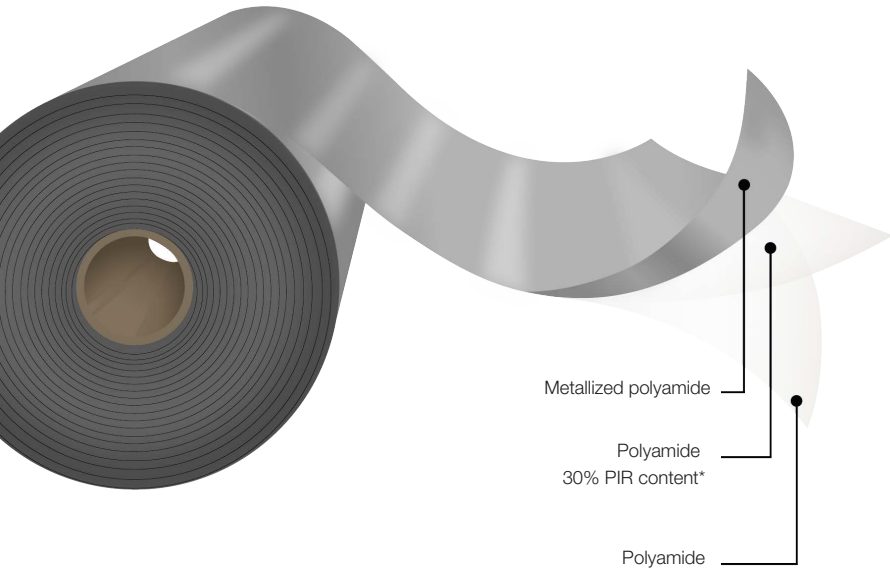
Metallized BOPA Film PIR Grade*

OPA MetalFilm

| AMqi- MN



CAPRAN®



High oxygen barrier

*Raw material obtained through the utilization of post-industrial recycled materials, certified with ECV (Environmental Claim Validation) by SCS Global Services.

Description

Film metallized on one side by a controlled vacuum deposition process of high purity aluminum. The base raw material is a polyamide homopolymer in the core layer with a minimum of 30% post-industrial recycled chemical content suitable for food contact. The metallized layer is located on the outer side of the reel.

Main Characteristics

- Ecological and sustainable film focused on circular economy.
- Reduced environmental footprint.
- Maintains the same performance and efficiency as conventional film.
- Very high barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.

Applications

Used in multiple laminations, thanks to its properties it could be used as an alternative to aluminum foil in this type of laminations. It is recommended in packages that require a very high barrier to gases and high mechanical and/or chemical protection, such as those used for packaging products with migratory components like tomato sauces, ketchup and mustards, and as a barrier to oils and fats. It is also used in vacuum packaging for coffee. Its use is not recommended for products filled at temperatures higher than 50 °C (hot fill). When the metallic layer is located outside the package or encapsulated within the lamination. Complies with FDA and EU regulations for 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 *

Film Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
AMqi 10	10.0	11.8	400 to 2,500	6"	38,200	4.5	Metal Out
AMqi 12	12.0	14.2			31,800		

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

Typical Values of Physical Properties **

Property	Unit	Testing Method	Thickness in Microns	
			10.0	12.0
Optical Density	-	AIMCAL TP 101-78	2.4	
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.40	
Tensile Strength	DM	ASTM D882	275	
	DT		310	
Elongation at Break	DM		110	
	DT		80	
Secant Modulus 2%	DM	3,470		
	DT	2,920		
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	0.5	

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

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