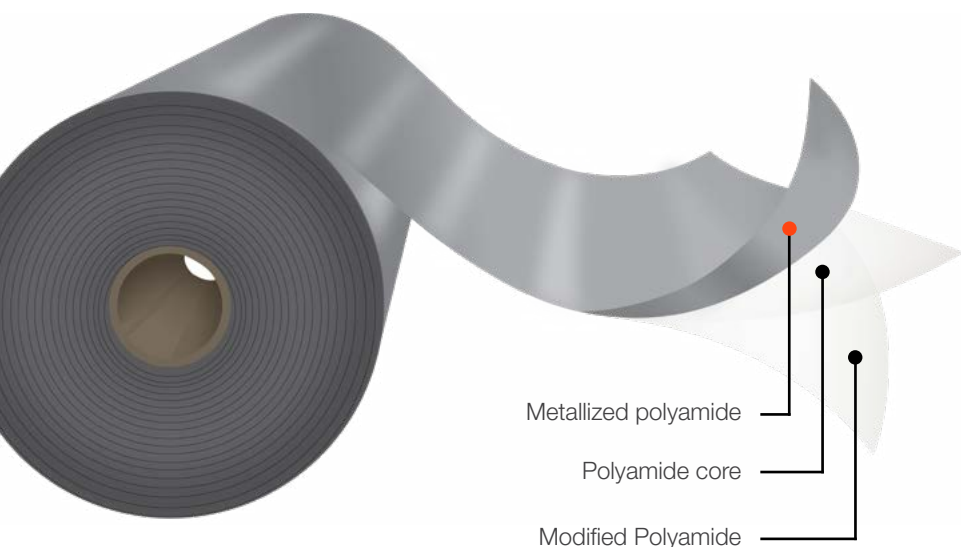


BOPA Metallized Film

High barrier to oxygen



Opa Armon M

AM-MN

Description

Opa Armon M is a metallized nylon film by a controlled vacuum deposition of high purity aluminum. The base is a biooriented nylon film.

Main Characteristics

- Very high barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- Excellent toughness and puncture resistance.
- High resistance to “Flex crack”.
- High performance due to its low specific gravity.

Applications

Metallized, used in multiple laminations, replacing aluminum foil. Recommended in packaging that require very high gas barrier protection and high mechanical and/or chemical, such as those used to package products with migratory components such as tomato sauces, ketchup, mustard and as a barrier to oils and fats. It's also used to vacuum packaging. It's not recommended for filled products at temperatures higher than 50°(hot fill).

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow 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 is intended to be used for reference only. It should not be construed as a guarantee of performance. It is recommended that the user executes the necessary tests to ensure adequate performance for the intended applications.

Standard Dimensions*

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

Opa Armon Code			Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Ø Outside Diam.		Treatment
							Length (ft)	Weight (lb/in)	
AM	10	MN	0.39	60,600	15 to 80	6"	124,000	25.2	Metal Out
AM	12	MN	0.47	50,500			103,600		
AM	15	MN	0.59	40,400			83,300		

Typical Values of Physical Properties *

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

Property	Unit	Testing Method	Thickness in Mils		
			0.39	0.47	0.59
Optical Density	OD	AIMCAL TP 101-78	2.2		
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894		
Tensile Strength	MD	lb/in ²	39,900		
	TD		45,000		
Elongation at Break	MD	%	110		
	TD		80		
Secant Modulus @ 2%	MD	lb/in ²	503,000		
	TD		424,000		
Surface Tension	N	dyne/cm	ASTM D2578		
Oxygen T. R. @ 73 °F, 0% R. H.		cm ³ /(100 in ² -day)	ASTM D3985		

Opa Armon M

AM-MN

