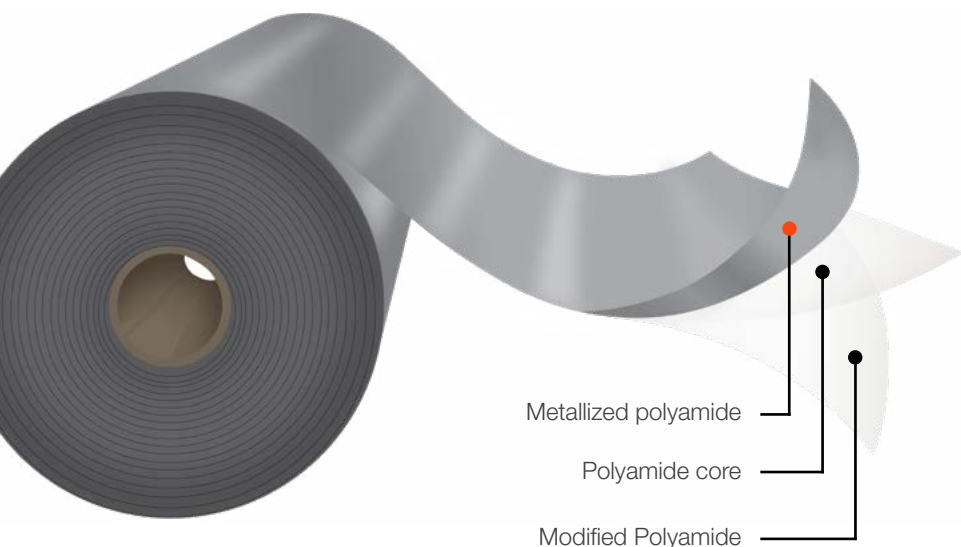


BOPA Metallized Film

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. Its 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 30°C, 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 (µm) | Unit Weight (g/m ²) | Width (mm) | Core Size | 760 mm Ø Outside Diam. | | Treatment |
|----------------|----|----|----------------|---------------------------------|--------------|-----------|------------------------|----------------|-----------|
| | | | | | | | Length (m) | Weight (kg/cm) | |
| AM | 10 | MN | 10.0 | 11.6 | 400 to 2,500 | 6" | 37,800 | 4.5 | Metal Out |
| AM | 12 | MN | 12.0 | 13.9 | | | 31,600 | | |
| AM | 15 | MN | 15.0 | 17.4 | | | 25,400 | | |

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 Microns | | |
|-----------------------------------|------|--|----------------------|----|----|
| | | | 10 | 12 | 15 |
| Optical Density | OD | AIMCAL TP 101-78 | 2.2 | | |
| Coefficient of Friction - Kinetic | N/N | - | ASTM D1894 | | |
| Tensile Strength | MD | ASTM D882 | 275 | | |
| | TD | | 310 | | |
| Elongation at Break | MD | | 110 | | |
| | TD | | 80 | | |
| Secant Modulus @ 2% | MD | | 3470 | | |
| | TD | | 2920 | | |
| Surface Tension | N | dyne/cm | ASTM D2578 | | |
| Oxygen T. R. @ 23 °C, 0% R. H. | | cm ³ /(m ² .day) | ASTM D3985 | | |

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