

Alox-lyte™ 16AO894

Oriented Polypropylene Film

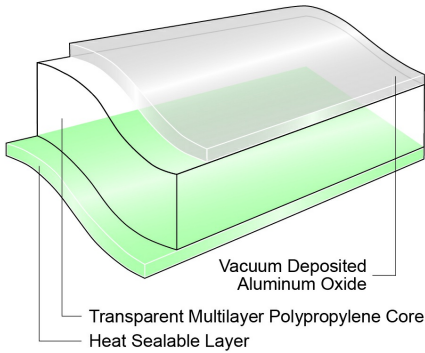


Product Description

Alox-lyte™ AO894 is a high barrier, transparent, biaxially-oriented polypropylene film, which is vacuum coated on one side with Aluminum Oxide. The other side is heat-sealable. It provides good moisture & gas protection, aroma barrier, mosh moah (mineral oil) barrier and is designed to be used as the inner web of barrier laminates.

Key Features

- Good moisture barrier
- Good gas, oxygen and aroma barrier
- Excellent optical properties
- Clear vacuum barrier coating
- One-side sealable
- Exclusively for use in lamination
- Improved barrier to Mineral Oils compared to non-barrier film⁽¹⁾
- Significant mineral oils contamination protection period of more than 2 years



General

Availability

- | | | |
|-----------------|-----------------|-----------------|
| ✓ Latin America | ✓ North America | ✓ South America |
| ✓ Asia Pacific | ✓ Europe | |

Features

- | | | |
|------------------------------|--------------------|--------------------|
| ✓ In Lamination Lap Sealable | ✓ Gas Barrier | ✓ Moisture Barrier |
| ✓ Oxygen Barrier | ✓ Broad Seal Range | |

Applications

- | | | |
|----------------------------|----------------------------------|--------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Bakery | ✓ Health and Beauty Care |
| ✓ Crisps and Snacks | ✓ Dry Foods and Beverage Powders | ✓ Pet Food |

Uses

- | | | |
|---------------------------------------|---------------------------|--------------------------------|
| ✓ HFFS Flexible Packaging | ✓ VFFS Flexible Packaging | ✓ Pouches - Flexible Packaging |
| ✓ Stand Up Pouch - Flexible Packaging | ✓ Flat Sachet | |

Appearance

- | |
|---------------------|
| ✓ Clear/Transparent |
|---------------------|

Processing Method

- | | |
|---------------------------------|----------------------------------|
| ✓ Inner Web Adhesive Lamination | ✓ Inner Web Extrusion Lamination |
|---------------------------------|----------------------------------|

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	49850	in ² /lb	Internal Method
Unit Weight	8.7	lb/ream	Internal Method
Film Thickness	0.63	mil	Internal Method
Gloss (45°)	90	Gloss Units	Internal Method
Haze	1.0	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-4.0	%	Internal Method
Minimum Sealing Temperature (Min 300g/25mm)			
25N/cm2 - 0,5 sec - Flat/Flat	120	°F	Internal Method
Coefficient of Friction Sealable layer	0.30		Internal Method
Water Vapor Transmission Rate 100°F, 90% RH	0.05	g/100 in ² /24 hr	Internal Method
Oxygen Transmission Rate 73°F, 0% RH	0.03	cm ³ /100 in ² /24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

Legal Statement

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

Processing Statement

- Special precautions need to be taken when converting the barrier coated surface as it is sensitive to scratches and flexcracking.
- An inappropriate handling of the roll of film can lead to film damages like loss of barrier and / or risk of blocking as for all Aluminum Oxide coated materials.
- Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

Footnotes

Please contact your Sales Representative for complete country availability.

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- April 16, 2024

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