

# Alox-lyte™ 16AO894

Oriented Polypropylene Film

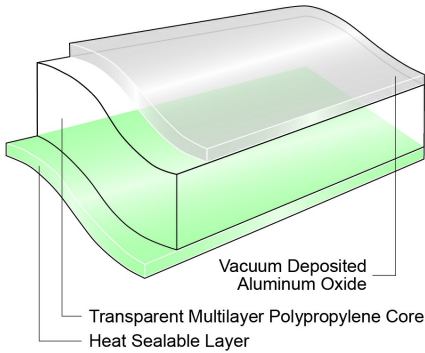


## Product Description

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<sup>(1)</sup>
- 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	71.2	m <sup>2</sup> /kg	Internal Method
Unit Weight	14.0	g/m <sup>2</sup>	Internal Method
Film Thickness	16	µm	Internal Method
Gloss (45°)	90	Gloss Unit	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)			
Sealable layer			
25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat	110	°C	Internal Method
Heat Seal Range (RDM)			
RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat	40	°C	Internal Method
Water Vapor Transmission Rate 38°C, 90% RH	0.7	g/m <sup>2</sup> /24 hr	Internal Method
Oxygen Transmission Rate 23°C, 0% RH	0.5	cm <sup>3</sup> /m <sup>2</sup> /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.

## Revision date

- April 16, 2024

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