

# Alox-lyte™ AO894 - Oriented Polypropylene Film



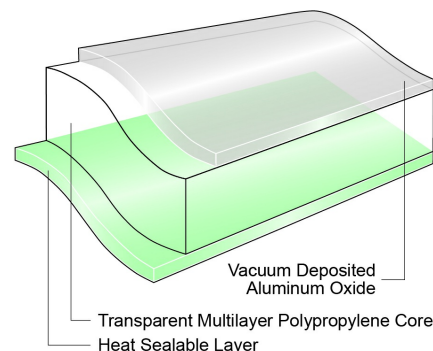
## FLEXIBLE PACKAGING PRODUCT DATA SHEET

### 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



### Properties & Typical Values

Properties	Unit	16AO894	Test Method
Yield	in <sup>2</sup> /lb	49850	ITM 01
Unit Weight	lb/ream	8.7	ITM 01
Film Thickness	mil	0.63	ITM 02
Gloss (45°)	Gloss Units	90	ITM 14
Haze	%	1.0	ITM 06
Dimensional Stability 135°C / 275°F, 7 min - MD/TD	%	-4.0	ITM 37
Minimum Sealing Temperature (Min 300g/25mm) - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat	°F	230	ITM 26
Heat Seal Range (RDM) RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat	°F	104	ITM 26
Coefficient of Friction Sealable layer		0.30	ITM 20
Water Vapor Transmission Rate - 100°F, 90% RH	g/100 in <sup>2</sup> /24 hr	0.05	ITM 46
Oxygen Transmission Rate - 73°F, 0% RH	cm <sup>3</sup> /100 in <sup>2</sup> /24 hr	0.03	ITM 42

TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).

### Market Segments

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

### Applications

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

### Processing Method

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

### 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: <http://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.

## Storage

---

You will find all information about storage conditions into the sign in area of our website <http://www.jindalfilms.com/login-register-docmg/>, under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

## Footnotes

---

Please contact your Sales Representative for complete country availability.

**Revision date :** May 27, 2025

© 2024 Jindal Films. Jindal Films. Jindal Films, the Jindal Films' logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whole or in part, without Jindal Films' prior written authorization. To the extent Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. Any data included herein may be based upon: analyses of representative samples and not the actual product shipped, typical values, or otherwise. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We base the information on data believed to be reliable, but we do not represent, warrant, or otherwise guarantee the accuracy, reliability, or completeness of this information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, or suitability of the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films' product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Films Americas LLC, Jindal Films Americas LLC, Films Europe S.à.r.l., Jindal Films Virton SPRL, Jindal Films India Ltd., or any companies affiliated with them in the production and sale of film products. There are a number of such affiliated companies, some with names including "Jindal" or "Films" and some not. Neither these terms and conditions, nor anything else in this document, is intended to override or supersede the legal separateness of those affiliated companies and responsibility for local action and accountability remains with them.

© 2024 Jindal Films. Jindal Films. Jindal Films, the Jindal Films' logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whole or in part, without Jindal Films' prior written authorization. To the extent Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. Any data included herein may be based upon: analyses of representative samples and not the actual product shipped, typical values, or otherwise. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We base the information on data believed to be reliable, but we do not represent, warrant, or otherwise guarantee the accuracy, reliability, or completeness of this information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, or suitability of the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films' product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Films Americas LLC, Jindal Films Americas LLC, Films Europe S.à.r.l., Jindal Films Virton SPRL, Jindal Films India Ltd., or any companies affiliated with them in the production and sale of film products. There are a number of such affiliated companies, some with names including "Jindal" or "Films" and some not. Neither these terms and conditions, nor anything else in this document, is intended to override or supersede the legal separateness of those affiliated companies and responsibility for local action and accountability remains with them.