

## Transparent High Barrier films

Alox-Lyte™ OPP-based films were developed by Jindal Films to provide a transparent, high barrier solution to a range of substances including water vapor, oxygen, aromas and mineral oils. Different Alox-Lyte™ grades offer outstanding properties based on our proprietary technology which vacuum deposits a transparent barrier coating layer on a transparent multi-layer polypropylene base film.

### Features

- Excellent Moisture, Oxygen, Aroma and Mineral Oil barrier
- High transparency keeps products visible
- High yield keeps cost down
- Polypropylene based material allows recycle-ready packaging structures
- Portfolio range allows use in 2- and 3-ply laminates



## Benefits

### SUSTAINABILITY

When OPP-based Alox-Lyte™ films are used in polypropylene-only laminates they can easily be recycled, while their high barrier properties extend product shelf-life for less food waste.

### LIFESTYLE

With a growing consumer trend towards “see the freshness of the product you eat”, packaging can be differentiated with transparent Alox-Lyte™ films.

### EFFICIENCY

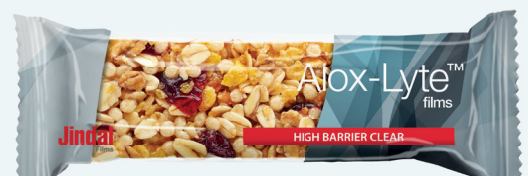
High barrier, high yield Alox-Lyte™ films combine the benefits of low density with thinner films, helping to add value in highly competitive packaging markets.

### FOOD SAFETY

Offering an excellent barrier to mineral oils, Alox-Lyte™ films provide the protection products deserve.

### RETAIL TRENDS

Replacing rigid with flexible packaging has never been so easy with low weight Alox-Lyte™ films that can help optimize retail shelf-space.



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Alox-Lyte™ are high barrier, transparent, biaxially-oriented polypropylene films, which are 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 are designed to be used as the inner web of barrier laminates.

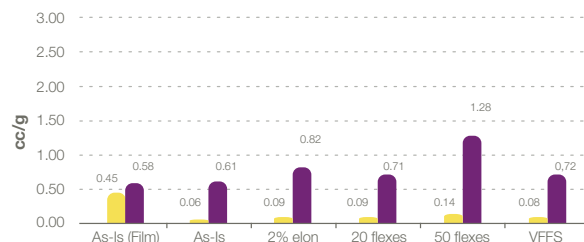
### Markets:

- Snacks & Nuts
- Coffee
- Bakery & Cakes
- Pet Food
- Cereal bars

### Applications:

- Fully transparent, partially printed or print & window
  - Flat and Stand up pouches
  - VFFS flexible packaging
  - HFFS flexible packaging
  - Flat sachet

### BARRIER DURABILITY

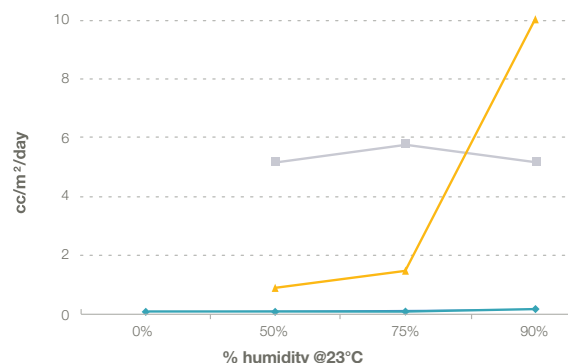


WVTR constant after lamination - OTR improved by the lamination step

Durability : Film & Laminate (20MB400/16A0894)

OTR : cc/m<sup>2</sup>/day 23°C/0%rh; WVTR : g/m<sup>2</sup>/day 38°C/90%rh

### OXYGEN BARRIER INDEPENDENCY ON HUMIDITY



— 20OPP/16A0894 — 12PVC PET/30PE — 20OPP/45PE-EVOH-PE

Jindal Films data



Contact your Jindal Films representative for more information

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**Jindal**  
Films