

# Bicor™ 18 LPX-2

Oriented Polypropylene Film

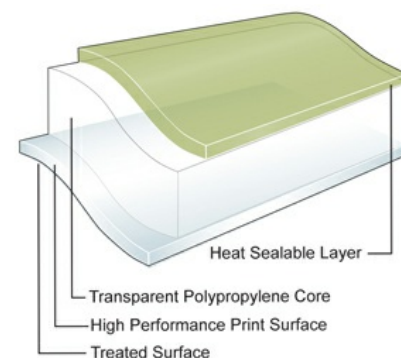
**Jindal**  
Films

## Product Description

Bicor LPX-2 is a one-side treated, one-side sealable OPP film designed for use in a lamination. It can be laminated to Metallyte, HBS-2, and itself to create lap sealable packages.

## Key Features

- Excellent machinability as the outer web of laminations in HFFS and VFFS applications
- Excellent solventless adhesive lamination and wet-out
- Excellent ink adhesion and bond strengths in adhesive, PVdC adhesive, and extrusion laminations
- Lap seals to OPP coex sealants
- Non-migratory slip system for consistent COF
- Optimal print dot structure and minimization of pin-holing
- Outstanding graphics in both four and multicolor process print applications



## General

### Availability

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| ✓ Latin America | ✓ North America | ✓ South America |
|-----------------|-----------------|-----------------|

### Features

- |                              |
|------------------------------|
| ✓ In Lamination Lap Sealable |
|------------------------------|

### Applications

- |                            |                      |                        |
|----------------------------|----------------------|------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Confectionery, Gum | ✓ Confectionery, Sugar |
| ✓ Bakery                   | ✓ Crisps and Snacks  |                        |

### Uses

- |                           |                           |
|---------------------------|---------------------------|
| ✓ HFFS Flexible Packaging | ✓ VFFS Flexible Packaging |
|---------------------------|---------------------------|

### Appearance

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

### Processing Method

- |                                 |                                     |                                  |
|---------------------------------|-------------------------------------|----------------------------------|
| ✓ Outer Web Adhesive Lamination | ✓ Solvent Flexographic Printing     | ✓ Solvent Rotogravure Printing   |
| ✓ Surface Print Unsupported     | ✓ Water-based Flexographic Printing | ✓ Outer Web Extrusion Lamination |

## Properties

Property	Typical Value	Unit	Test Based On
Yield	62.6	m <sup>2</sup> /kg	Internal Method
Unit Weight	15.9	g/m <sup>2</sup>	Internal Method
Film Thickness	18	µm	Internal Method
Gloss			
Untreated Surface	85		Internal Method
Haze	2.1	%	Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	124	Mpa	Internal Method
TD	241	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-5.0	%	Internal Method
Crimp Seal (MST)			
Untreated/Untreated	102	°C	Internal Method
Coefficient of Friction			
Slip Modified/Slip Modified	0.24		Internal Method
Wetting Tension			
Treated Surface	0.85	receding cos θ	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	6.4	g/m <sup>2</sup> /24 hr	Internal Method

## 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

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

## Processing Statement

- This film contains a non-migratory slip system. Do not retreat.
- This film can be run on HFFS and VFFS machines.
- When using LPX-2 as the inner web for demanding VFFS applications, thorough evaluation is recommended.
- This film is suitable for surface print, unsupported applications.

## Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.
2. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.

## Revision date

- November 18, 2015

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