

# Bicor™ 18 MAT

Oriented Polypropylene Film

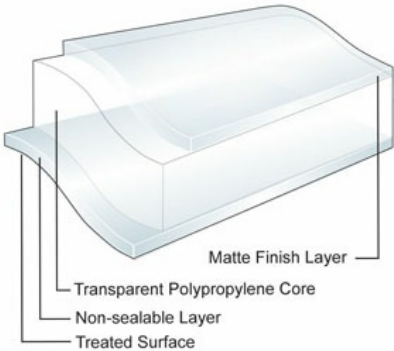


## Product Description

Bicor MAT is a one-side matte finish, one-side treated, non-heat sealable OPP film designed for use as the outer web of a lamination. MAT is also an excellent matte finish slip film for heat seal laminations. The paper-like appearance of MAT provides a differentiated shelf appeal, with a satiny appearance when reverse printed.

## Key Features

- Excellent ink adhesion on the treated surface
- Non-migratory slip system for consistent COF
- Very uniform, low-gloss surface



## General

### Availability

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

### Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Fresh Produce
- ✓ Confectionery, Chocolate
- ✓ Dairy Products
- ✓ Crisps and Snacks

### Uses

- ✓ HFFS Flexible Packaging
- ✓ VFFS Flexible Packaging

### Appearance

- ✓ Clear/Transparent

### Processing Method

- ✓ Cold Seal Adhesive
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Water-based Flexographic Printing
- ✓ Outer Web Extrusion Lamination

## Properties & Typical Values

Property	Typical Value Unit	Test Based On
Yield	44000 in <sup>2</sup> /lb	Internal Method
Unit Weight	9.8 lb/ream	Internal Method
Film Thickness	0.70 mil	Internal Method
Haze	72 %	Internal Method
Gloss (45°)		
Matte Surface	8	Internal Method
Tensile Strength at Break		
20 in/min pull rate, 2.0 in jaw separation		
MD	16000 psi	Internal Method
TD	30000 psi	Internal Method
Dimensional Stability		
135°C / 275°F, 7 min		
MD	-4.0 %	Internal Method
TD	-3.0 %	Internal Method
Coefficient of Friction		
Matte/Matte	0.35	Internal Method
Wetting Tension		
Treated Surface	0.82 receding cos θ	Internal Method
Water Vapor Transmission Rate		
100°F, 100% RH	0.51 g/100 in <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

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

## Processing Statement

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- 18 MAT provides excellent adhesion on the treated side for printing and laminating without having to retreat or prime. Retreating may cause back-side treatment, which can affect COF characteristics.
- The matte surface is not treated and is not suitable for printing.

## Footnotes

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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

- October 10, 2013

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