

# Ethy-Lyte™ 40HD200



Preliminary

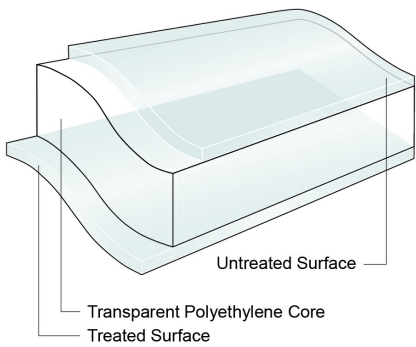
Oriented Polyethylene Film

### Product Description

40HD200 is a one-side treated, bi-axially oriented, high density polyethylene (BOPE) film. Designed as a high performance printing web, setting a new market standard for recyclable films.

Lamination of 40HD200 with other PE films generates fully recyclable polyethylene structures.

Due to good performance in the packaging process, 40HD200 is suitable for a broad range of applications.



### Key Features

- Best performance in printing and lamination
- High mechanical stability
- Good stiffness
- Good transparency
- Consistent coefficient of friction (COF)

### General

#### Availability

- |                        |                 |                 |
|------------------------|-----------------|-----------------|
| ✓ Latin America        | ✓ North America | ✓ South America |
| ✓ Africa & Middle East | ✓ Asia Pacific  | ✓ Europe        |

#### Applications

- |                            |                          |                            |
|----------------------------|--------------------------|----------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Bakery                 | ✓ Fresh Produce            |
| ✓ Frozen Food              | ✓ Health and Beauty Care | ✓ Household and Detergents |
| ✓ Crisps and Snacks        | ✓ Pet Food               |                            |

#### Uses

- |                                |                                       |                           |
|--------------------------------|---------------------------------------|---------------------------|
| ✓ HFFS Flexible Packaging      | ✓ Pre-made Bags - Flexible Packaging  | ✓ VFFS Flexible Packaging |
| ✓ Pouches - Flexible Packaging | ✓ Stand Up Pouch - Flexible Packaging |                           |

#### Appearance

- ✓ Clear/Transparent

#### Processing Method

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

## Properties

Property	Typical Value	Unit	Test Based On
Yield	26.3	m <sup>2</sup> /kg	Internal Method
Film Thickness	40	µm	Internal Method
Gloss	81	Gloss Unit	Internal Method
Haze	10	%	Internal Method
Elastic Modulus			
MD	1300	Mpa	Internal Method
TD	2000	Mpa	Internal Method
Coefficient of Friction			
Untreated/Untreated	0.35		Internal Method
Treatment			
Treated Surface	40	dyne/cm	Internal Method
Water Vapor Transmission Rate			
<i>Tested at 38°C/100%RH, then calculated to 90%RH with .90 multiplier</i>			
38°C, 90% RH	3.5	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

- Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines
- Refreshing of the treatment before usage recommended.

## Footnotes

- Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.

## Revision date

- September 02, 2021

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