Jindal Films

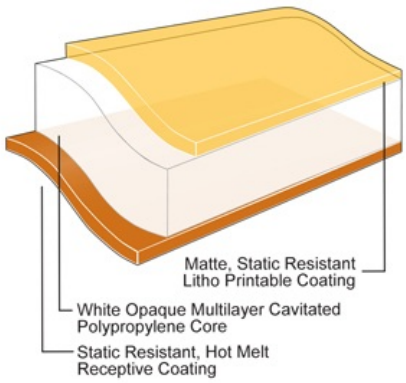
English

# Label-Lyte™ 70 LS 447

Oriented Polypropylene Film

## Product Description

Label-Lyte 70 LS 447 is a two-side coated, shrink resistant, white, polypropylene film designed for use in hot melt cut-and-stack labeling. It has an static resistant, matte finish, paper-like print surface that is litho-printable, as well as compatible with water-based or solvent-based flexo and gravure inks and UV-cured inks. This film is designed to be used as a monoweb and provides excellent converting performance, including printing, sheeting, guillotine cutting, and label transfer on magazine-fed labelers. The other side has a hot melt receptive coating.




## Key Features

- Excellent offset litho printing performance
- Excellent static resistant properties for cut-and-stack labeling
- Durable and moisture resistant
- Excellent stiffness and burst performance

## General

### Availability

- Latin America
- North America
- South America

### Features

- Static Resistant Matte Coated
- Static Resistant Coated

### Applications

- Dairy Products
- Household and Detergents
- Dry Foods and Beverage Powders
- Industrial
- Beverage, Alcoholic
- Beverage, Carbonated
- Beverage, Mineral Waters

### Uses

- Cut & Stack (Hot Melt) Labels

### Appearance

- White

### Processing Method

- Solvent Flexographic Printing
- Solvent Rotogravure Printing
- Surface Print Unsupported
- Water-based Flexographic Printing
- Digital Offset (HP Indigo) Printing
- Thermal Transfer printing
- UV Offset Lithography Printing
- UV Flexographic Printing
- UV Screen Printing
- Conventional Offset Lithography Printing

Revision date

October 10, 2013

## Properties

| Property | Typical Value | Unit | Test Based On |
|---|---|---|---|
| Yield | 19.1 | $m^2/kg$ | Internal Method |
| Unit Weight | 52.4 | $g/m^2$ | Internal Method |
| Film Thickness | 76 | µ | Internal Method |
| Gloss(45°) | | | |
| Print Surface | 10 | | Internal Method |
| Light Transmission | 15.0 | % | Internal Method |
| Opacity | 90 | % | Internal Method |
| Tensile Strength at Break | | | |
| *510 mm/min pull rate, 50 mm jaw separation* | | | |
| MD | 89.6 | Mpa | Internal Method |
| TD | 165 | Mpa | Internal Method |
| Elongation at Break | | | |
| *510 mm/min pull rate, 50 mm jaw separation* | | | |
| MD | 190 | % | Internal Method |
| TD | 50 | % | Internal Method |
| Dimensional Stability 135°C, 7 min | | | |
| MD | -5.5 | % | Internal Method |
| TD | -5.5 | % | Internal Method |
| Stiffness (Gurley) | | | |
| MD | 29 | $mg_f$ | Internal Method |
| TD | 50 | $mg_f$ | Internal Method |

## 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

- 70 LS 447 is a suitable replacement for paper or paper/poly laminations for glass and PET containers in cut-and-stack, hot melt labeling applications.
- Both surfaces of this film are coated and provide outstanding converting performance. It is, therefore, recommended that converters do not treat either surface.
- This film is available in various cut-sheet sizes and rolls.
- Although this film is designed for cut-and-stack label applications, prior testing and consultation with the hot melt manufacturer is recommended.
- Prior testing and consultation with your ink supplier to determine print robustness for your application is strongly recommended.
- 70 LS 447 is also available in a variety of sheet widths and lengths. Please consult your Jindal Films Sales Representative.

## Footnotes

1. Product may not be available in one or more countries in the identfied Availability regions. Please contact your Sales Representative for complete country availability.
2. Optical density value represents only the metal layer on the film.

Typical properties: these are not to be construed as specifications.

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