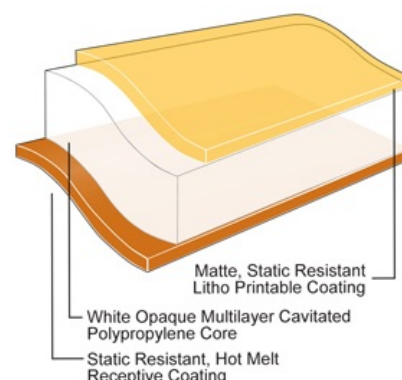


Label-Lyte™ 70 LS 447

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

Uses

- ✓ Cut & Stack (Hot Melt) Labels

Appearance

- ✓ White

Processing Method

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