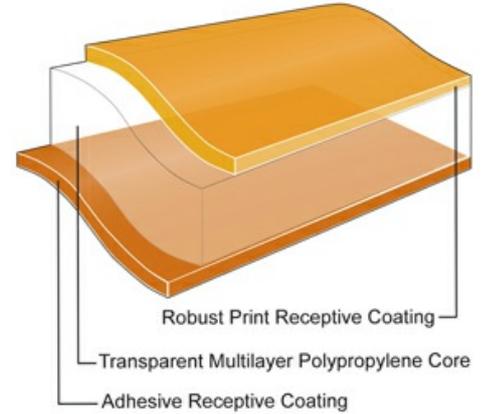


Label-Lyte™ 50LL539

Oriented Polypropylene Film

Product Description

Label-Lyte 50LL539 is a clear, two-side coated, polypropylene label facestock designed for demanding pressure sensitive applications where outstanding ink adhesion and adhesive anchorage are required. This premium film provides a no label look and is commonly used in beverage, health-and-beauty, and pharmaceutical applications. The coated print surface is compatible with UV, flexo, letterpress, screen and offset systems. Additionally, it is compatible with solvent and water based flexo and solvent based gravure. 50LL539 is also compatible with hot stamping and cold foil stamping systems. The adhesive side is coated to provide improved anchorage of pressure sensitive adhesives.



Key Features

- Excellent gloss and transparency
- Excellent compatibility with a broad range of ink systems, including UV flexo
- Excellent adhesive anchorage
- Excellent in-to-out blocking resistance
- Excellent stiffness for automatic label dispensing

General

Availability

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

Features

- | | | |
|----------------------|-----------------------------|--|
| ✓ Humidity Resistant | ✓ Adhesive Receptive Coated | ✓ Pasteurizable Print Receptive Coated |
|----------------------|-----------------------------|--|

Applications

- | | | |
|----------------------------|------------------------|----------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Confectionery, Gum | ✓ Confectionery, Sugar |
| ✓ Confectionery, Chocolate | ✓ Dairy Products | ✓ Health and Beauty Care |
| ✓ Household and Detergents | ✓ Pet Food | ✓ Industrial |
| ✓ Beverage, Alcoholic | ✓ Beverage, Carbonated | ✓ Beverage, Mineral Waters |

Uses

- ✓ Pressure Sensitive Labels

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported
- ✓ Water-based Flexographic Printing
- ✓ Thermal Transfer printing
- ✓ UV Offset Lithography Printing
- ✓ UV Flexographic Printing
- ✓ UV Letterpress Printing
- ✓ UV Screen Printing
- ✓ Cold Foil Stamping
- ✓ Hot Stamping

Revision date

- ✓ July 25, 2014

Properties

Property	Typical Value	Unit	Test Based On
Yield	21.6	m ² /kg	Internal Method
Unit Weight	46.3	g/m ²	Internal Method
Film Thickness	50	μ	Internal Method
Gloss(45°)			
Print Surface	80		Internal Method
Haze	1.7	%	Internal Method
Tensile Strength at Break			
<i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	120	Mpa	Internal Method
TD	270	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-2.0	%	Internal Method
Elongation at Break			
<i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	175	%	Internal Method
TD	65	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3500	Mpa	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

- 50LL539 rolls are sensitive to damage from improper handling. The use of a sling is recommended. Avoid direct web contact with the floor or a pallet. Rolls should not be dropped or rolled.
- Both surfaces of this film are coated and provide outstanding converting performance. Therefore, treatment as part of the converting process is not recommended.
- Prior testing and consultation with the ink and pressure-sensitive adhesive suppliers are recommended to ensure compatibility.
- The coated print surface may not be compatible with all release liners. Compatibility testing is strongly recommended.
- This film is not intended for use in unprinted zigzag applications, in which the coated print surface is in contact with itself.
- Recommended storage conditions for coated PSL films are, Temperature: 15 degrees C to 30 degrees C (59 degrees F to 86 degrees F);Humidity: 40% to 65% RH

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. Value refers to base film thickness.

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

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