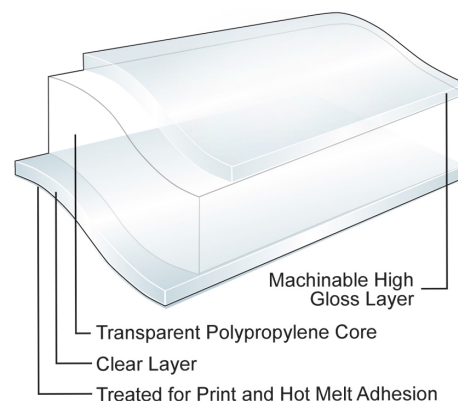


Label-Lyte™ 50LR210 ROSO

Oriented Polypropylene Film

Product Description

Label-Lyte ROSO 50LR210 is a clear, machine-direction shrinkable, one-side treated, polypropylene film. This film is designed for use as a monoweb in roll-fed labeling of contoured containers, such as aluminum and steel beverage cans, beaded metal cans, aerosol containers, and contoured glass and plastic bottles. The treated clear layer is for printing and hot melt adhesion to the container and is intended to be reverse-printed with water-based or solvent-based flexo and gravure inks and UV-cured inks. The machinable high gloss layer is designed for robust machinability on all roll-fed labelers.



Key Features

- Outstanding, consistent, and uniform machine-direction shrinkage, up to 19%
- Excellent clarity and gloss
- Excellent ink and hot melt adhesion
- Consistent machinability on all roll-fed label machines

General

Availability

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

Features

Applications

- | | | |
|----------------------------|----------------------------------|------------------------|
| ✓ Dairy Products | ✓ Dry Foods and Beverage Powders | ✓ Beverage, Carbonated |
| ✓ Beverage, Mineral Waters | | |

Uses

- ✓ Reel-Fed Shrink Labels

Appearance

- ✓ Clear/Transparent

Processing Method

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

Revision date

- ✓ October 19, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	22.0	m ² /kg	Internal Method
Unit Weight	45.5	g/m ²	Internal Method
Film Thickness	50	μ	Internal Method
Haze	2.5	%	Internal Method
Gloss(45°)	87		Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-19	%	Internal Method
TD	-2.0	%	Internal Method
Coefficient of Friction			
Untreated Surface	0.35		Internal Method
Treatment			
Print Surface	40	dyne/cm	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

- Treatment: Available one-side treated
- ROSO films require special storage and transportation conditions. These are defined in our document: ROSO Films - Transportation and Storage recommendations.
- ROSO films warranty is limited to six months after invoicing date.
- As in any shrink application, converters should work with color separation personnel to distort any graphics utilized in a contoured area.
- In monoweb applications, care should be taken to protect the print with a slip overlacquer, printed in register to maintain lap seal integrity.
- In the Americas, 50LR210 has been used in lamination to 32 LLG-202 to provide a white background in low-shrink applications.
- Prior testing and consultation with your ink and adhesive suppliers to determine compatibility is always recommended.
- 19% is the maximum shrinkage obtainable on this film under laboratory conditions. The actual shrinkage obtained can be considerably less, depending on the speed, bottle shape, and shrink tunnel design. Consult your Jindal Films Technical Service Representative during the design stage.

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.

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

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