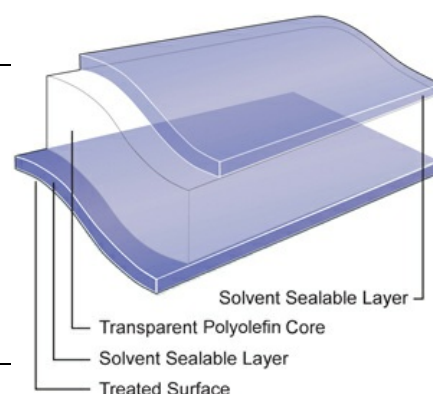


Label-Lyte™ 50TD200

Oriented Polypropylene Film

Product Description

Label-Lyte 50TD200 Sleeve is a clear, transverse-direction shrinkable, one-side treated, polyolefin film. With a density below 1.0, this film facilitates flotation and supports the PET bottle-to-bottle recycling process (where available). This film is designed for use as a monoweb in shrink sleeve labeling of countoured containers, such as contoured plastic and glass bottles, aluminium and steel beverage cans, beaded metals cans and aerosol containers. The treated clear layer is for printing and is intended to be reverse-printed. 50TD200 Sleeve is suitable for all heat shrink processes and sealable with common solvent (THF).



Key Features

- Outstanding and consistent transverse-direction shrinkage, in applications requiring up to 50% shrink
- Density < 1.0 before and after shrinkage, which facilitates separation of label from bottle to support bottle-to-bottle recycling (where available)
- Excellent gloss and ink adhesion
- Consistent machinability in all heat sleeve shrink processes
- Sealable with common solvent (THF)

General

Availability

- ✓ North America
- ✓ Europe

Features

- ✓ Squeezable
- ✓ Solvent Seamable (THF)
- ✓ Transverse Directional Shrink

Applications

- ✓ Dairy Products
- ✓ Health and Beauty Care
- ✓ Household and Detergents
- ✓ Dry Foods and Beverage Powders
- ✓ Beverage, Alcoholic
- ✓ Beverage, Carbonated
- ✓ Beverage, Mineral Waters
- ✓ Food, bottled and canistered

Uses

- ✓ Heat Shrink Sleeve Labels

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ UV Offset Lithography Printing
- ✓ UV Flexographic Printing
- ✓ Offset Ebeam Printing
- ✓ Heat Reactive Adhesive

Revision date

December 31, 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	9.0	%	Internal Method
Gloss(45°)	83		Internal Method
Density	0.91	kg/dm ³	Internal Method
Coefficient of Friction			
Untreated Surface	0.37		Internal Method
Treatment (Cahn)			
Print Surface	0.95	receding cos θ	Internal Method
Ultimate Shrinkage			
USTMP			
MD	2	%	Internal Method
TD	58	%	Internal Method
MD	-4	%	Internal Method
TD	35	%	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
- Label-Lyte 50TD200 Sleeve requires special storage and transportation conditions. Please consult with your Jindal Films Technical Service Representative for more information.
- The warranty for Label-Lyte films is limited to six months after invoicing date.
- As in any shrink applications, converters should work with pre-press personnel to distort any graphics utilized in a contoured area.
- For converting ink and solvent recommendations, please consult with your Jindal Films Technical Service Representative.
- Consultation and prior testing with your ink and solvent supplier to determine compatibility is always recommended.
- The maximum shrinkage obtainable on this film at 100°C, under laboratory conditions, is 66%. The actual shrinkage obtained can be considerably less, depending on ink coverage, 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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