

Label-Lyte™ 18LLG-101

Oriented Polypropylene Film

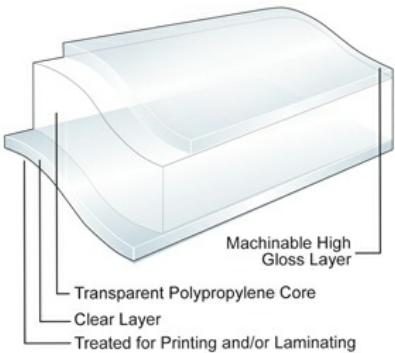


Product Description

Label-Lyte 18LLG-101 is a clear, one-side treated, biaxially oriented polypropylene film that is used in roll-fed labeling. This film can be laminated to itself (and other gauges of LLG-101) or applied as outer webs to other films. It is formulated with a proprietary non-migratory slip system. The treated clear layer is the intended print and laminating surface. The machinable high gloss layer is receptive to hot melt adhesive.

Key Features

- Outstanding clarity and gloss
- Excellent ink adhesion with most solvent-based and water-based ink systems
- Excellent bond strength with most laminating adhesives
- Contains non-migratory slip system for outstanding performance on roll-fed labeling machines
- Good hot melt adhesion



General

Availability

- ☒ Latin America
- ☒ North America
- ☒ South America

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
- ☒ Surface Print Unsupported
- ☒ Water-based Flexographic Printing

Properties

Property	Typical Value	Unit	Test Based On
Yield	62.6	m ² /kg	Internal Method
Unit Weight	15.9	g/m ²	Internal Method
Film Thickness	18	µm	Internal Method
Haze	1.8	%	Internal Method
Gloss			
Machinable Surface	88		Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	138	Mpa	Internal Method
TD	296	Mpa	Internal Method
Elongation at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	162	%	Internal Method
TD	47	%	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-5.5	%	Internal Method
TD	-6.0	%	Internal Method
Coefficient of Friction			
Machinable/Machinable	0.20		Internal Method
Wetting Tension			
Print Surface	0.85	receding cos θ	Internal Method

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

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

- The treated print surface of LLG-101 provides excellent ink adhesion and strong lamination bonds. There is no need to re-treat on press.
- The machinable surface provides good, hot melt adhesive anchorage.
- This film utilizes a non-migratory slip system, which provides consistent COF through all processing steps.

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.

Revision date

- October 10, 2013

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