

Label-Lyte™ 25 LL-101

Oriented Polypropylene Film

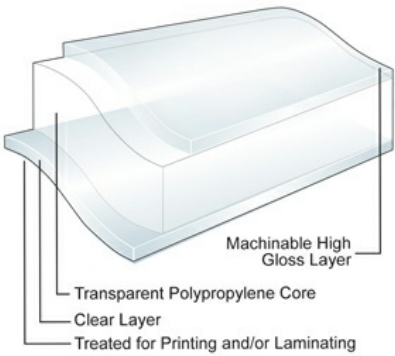


Product Description

Label-Lyte 25 LL-101 is a clear, one-side treated, polypropylene film that is designed to provide exceptional clarity and print protection when used as overlaminates in pressure-sensitive labeling applications. This film is formulated with a proprietary non-migratory slip system. The treated clear layer provides excellent anchorage to most adhesives and is the intended print and laminating surface.

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



General

Availability

- ✓ Latin America
- ✓ North America
- ✓ South America

Applications

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

Uses

- ✓ Pressure Sensitive Labels

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ 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 | 43.4 | m ² /kg | Internal Method |
| Unit Weight | 23.1 | g/m ² | Internal Method |
| Film Thickness | 25 | µm | Internal Method |
| Haze | 2.0 | % | Internal Method |
| Gloss | | | |
| Machinable Surface | 87 | | Internal Method |
| Tensile Strength at Break | | | |
| 510 mm/min pull rate, 50 mm jaw separation | | | |
| MD | 124 | Mpa | Internal Method |
| TD | 241 | Mpa | Internal Method |
| Elongation at Break | | | |
| 510 mm/min pull rate, 50 mm jaw separation | | | |
| MD | 174 | % | Internal Method |
| TD | 45 | % | Internal Method |
| Dimensional Stability | | | |
| 135°C / 275°F, 7 min | | | |
| MD | -4.0 | % | Internal Method |
| TD | -4.0 | % | Internal Method |
| Coefficient of Friction | | | |
| Machinable/Machinable | 0.19 | | Internal Method |
| Wetting Tension | | | |
| Print Surface | 0.83 | 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

- When using LL-101 with clear adhesives, this overlamine film provides outstanding clarity, gloss, and print protection in pressure-sensitive labeling applications.
- This film is compatible with most pressure-sensitive and laminating adhesives.
- Prior testing and consultation with your adhesive supplier to determine compatibility is always recommended.
- The treated print surface of these LL-101 films provides excellent ink adhesion and strong lamination bonds. There is no need to re-treat on pron press.
- These films utilize 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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