

# 240 Formula™ Wax/Resin Ribbon

This wax/resin formulation is a versatile and durable wax/resin ribbon. 240 Formula prints at low temperatures and high speeds while providing the darkest image possible from general-purpose ribbon.

## Ribbon Properties

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| Description                 | Specification | Measure Method   |
|-----------------------------|---------------|------------------|
| Total Thickness (µm)        | 8.0 ± 0.6     | Micrometer Scale |
| Base Film Thickness (µm)    | 4.8 ± 0.4     | Micrometer Scale |
| Ink Thickness (µm)          | 3.0 ± 0.4     | Micrometer Scale |
| Ribbon Transmission Density | >1.6          | Densitometer     |
| Print Density               | >1.8          | Densitometer     |

## Durability of Printed Image

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Label Stock: Polypropylene

Print Speed: 6 Inches Per Second    Print Density: 2.00

Test Equipment: Colorfastness Tester

| Ribbon Tested For  | Parameter  | Resistance |
|--------------------|--|------------|
| Smudge Resistance  | 50 cycles @ 500 grams with cotton cloth                | ANSI A     |
| Scratch Resistance | 20 cycles @ 200 grams with stainless steel pointed tip | ANSI A     |

\*ANSI – Represents the American National Standard Institute grade measured at the given conditions. Grade levels are A, B, C, D, and F, where A is excellent, B is above average, C is average, D is below average, and F is poor.

## Recommended Applications

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- Retail tags, pharmaceutical labels, shelf labels, horticulture labels, warning labels, drum labels.
- Labels subject to abrasion or friction.
- Good for use on: Direct packaging printing (poly bags) and machinery parts labels.

As with all ribbons, **LABELTRONIX®** recommends this product be tested thoroughly under end-use conditions to make sure it meets the requirements of the specific application.

*This specification sheet was updated and confirmed as of 9/21/07.*