

110 Ultimate™ Wax Resin Ribbon

110 Ultimate™ is a high-speed ribbon that produces high quality normal and rotated (ladder) barcodes at speeds up to 12 inches per second. This ribbon produces a high-density, glossy image, and is designed primarily for coated paper stocks with good print quality on uncoated paper and Tyvek®.

Ribbon Properties

Description	Specification	Measure Method
Total Thickness (µm)	8.1 ± 0.5	Micrometer Scale
Base Film Thickness (µm)	4.8 ± 0.4	Micrometer Scale
Ink Thickness (µm)	3.1 ± 0.3	Micrometer Scale
Ribbon Transmission Density	≥1.6	Densitometer
Print Density	≥1.8	Densitometer

Durability of Printed Image

Label Stock: Coated Paper

Print Speed: 6 Inches Per Second

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

- General purpose, high-density barcode and text printing on paper label stocks.
- Especially recommended for printing rotated (ladder) barcodes, high resolution graphics and fine text characters.
- Good for use on: blood bags, pharmacy labeling, ceramic pottery, plant container labels, retail labels, shipping cartons, corrugated applications, low-end synthetics and coated or uncoated tags.

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 01/24/07.