

100 Plus™ Wax Ribbon

100 Plus™ ribbon is designed to provide quality printing and image durability for high-speed printing on paper label stocks. The specially designed back coating is made to withstand the additional friction created by wider web printers and higher heat from 300 dpi printheads. 100 Plus™ offers the most cost-effective printing solution, and can be used on a wide range of print media, printers and applications.

Ribbon Properties

Description	Specification	Measure Method
Total Thickness (µm)	7.6 ± 0.6	Micrometer Scale
Base Film Thickness (µm)	4.8 ± 0.4	Micrometer Scale
Ink Thickness (µm)	2.9 ± 0.3	Micrometer Scale
Ribbon Transmission Density	1.2 - 1.5	Densitometer
Print Density	≥1.55	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.
- Shipping and receiving labels.
- Inventory tracking labels and 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 2/27/02.