

220 Formula™ Wax/Resin Ribbon

This premium wax/resin formulation is designed to print on a wide variety of receiving materials. This includes coated and uncoated paper labels and tags, varnished label stock and films. This ribbon will offer excellent barcode scanning with sharp, reliable images at a wide variety of printing speeds.

Ribbon Properties

Description	Specification	Measure Method
Total Thickness (µm)	7.6 ± 0.5	Micrometer Scale
Base Film Thickness (µm)	4.5 ± 0.5	Micrometer Scale
Ink Thickness (µm)	1.5 ± 0.4	Micrometer Scale
Ribbon Transmission Density	n/a	Densitometer
Print Density	≥1.7	Densitometer

Durability of Printed Image

Label Stock: Polypropylene
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

- Labels which are repetitively wand-scanned.
- Labels subject to abrasion or friction.
- Good for use on: labels for vials in optical laboratories, lumber tags, chemical drum labeling, diskette labeling, tote labeling and wire 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 6/4/03.