

530 Formula™ Resin Ribbon

530 Formula™ is a general purpose resin that prints at high speeds, up to 12 IPS, while maintaining high barcode and image quality. The 530 formula's superior chemical and abrasion resistance make it the perfect choice for general or demanding applications.

Ribbon Properties

Description	Specification	Measure Method
Total Thickness (µm)	8.7 ± 0.8	Micrometer Scale
Base Film Thickness (µm)	4.5 ± 0.4	Micrometer Scale
Ink Thickness (µm)	1.4 ± 0.3	Micrometer Scale
Ribbon Transmission Density	≥1.15	Densitometer
Print Density	≥1.6	Densitometer

Durability of Printed Image

Label Stock: Top Coated White Polyester

Print Speed: 8 Inches Per Second

Test Equipment: Colorfastness Tester

Ribbon Tested For	Parameter	Resistance
Smudge Resistance	100 cycles @ 800 grams with cotton cloth	ANSI A
Scratch Resistance	100 cycles @ 380 grams with 3mm diameter steel ball	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

- Shelf labels, warning labels, tamper-evident labeling, drum labels, jewelry tags, component labels.
- Especially recommended for printing rotated (ladder) barcodes, high resolution graphics and fine text characters.
- Good for use on: Automotive Labels, CD and DVD Spine 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 2/25/02.