



Labels that Last

T44/T45 Wax/Resin Ribbon*

Description: This premium, all-purpose wax/resin formula is designed to print on a wide variety of materials—offering excellent barcode scanning thanks to the sharp, reliable images printed at a wide variety of print speeds. Besides being extremely versatile, it outperforms other ribbons in extreme environments with great resistance to smearing and chemicals. **UL Recognized.**

Recommended Applications: POS labels, shipping labels, storage labels, electronics labels, horticulture tags, lumber tags, chemical drum labels

Recommended Substrates: Coated/uncoated paper tags and labels, gloss paper, polypropylene, polyethylene, top-coated vinyl, polystyrene, polyolefin, Tyvek®

**Product designations represent the same formula and are solely used to indicate ribbons wound face out or wound face in.*

Ribbon Property

Description	Specification
Ink Formula	Wax/Resin
Color	Black
Total Thickness (μm)	8.8 ± .55
Base Film Thickness (μm)	4.8 ± .3
Ink Thickness (μm)	5.0 ± .2
Ink Melting Point	189°F (87°C)

Durability of Printed Image

Label Stock Tested	Polypropylene		
Print Speed	6 IPS		
Print Density	> 1.7		
Ribbon Tested for:	Parameter	Measurement Device	Result
Smudge Resistance	50 cycles at 500 grams with cotton cloth	Colorfastness Tester	ANSI A ¹
Scratch Resistance	20 cycles at 200 grams with stainless steel pointed tip	Colorfastness Tester	ANSI A ¹

¹ Represents the American National Standards Institute (ANSI) grade measured at the given conditions.

Grade levels are A, B, C, D, and F. A is excellent, B is above average, C is average, D is below average, and F is poor.

	Service Temperature	Humidity	Warranty (finished roll)
Recommended Storage Conditions	40°F to 95°F (5°C to 35°C)	50% RH	One Year under the following storage conditions

Keep indoors and avoid high temperatures, high humidity, and direct sunlight.