

TR4085plus® Premium Resin-Enhanced Wax

Product Description

TR4085plus®, the industry's leading wax product since its introduction to the market in November 2000, features our SmoothCoat® backcoat with a 4 Million Linear Inch Guarantee. The unique ink formulation of TR4085plus® dissipates static and is versatile enough to print on a wide variety of label stocks. No other wax product beats TR4085plus® when it comes to edge definition for crisp, rotated barcodes and dark, durable images.

Recommended Applications



Food & Beverage



Health & Beauty



Inventory & Logistics



Pharmaceutical



Retail

Recommended Substrates

Paper	Uncoated tag stock Coated tag stock Uncoated paper Coated paper Gloss paper Flood-coated paper Synthetic paper
Economy Synthetics	Polypropylene Polyethylene Polyolefin
Specialty Materials	Valeron® Kimdura® Polyart® UV varnished labels

Performance Characteristics

- ▶ 4 Million Linear Inch Guarantee
- ▶ Anti-static
- ▶ Halogen-free
- ▶ High-density
- ▶ High-speed
- ▶ Scratch Resistant
- ▶ Smudge Resistant
- ▶ SmoothCoat® Backcoat



for more info!

TR4085plus[®] Premium Resin-Enhanced Wax

Ribbon Properties

Description	Result	Test Method
Ink	Wax (resin-enhanced)	
Color	Black	Visual
Total Thickness	8.0 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer
Ink Thickness	3.2 ± 0.2μ	Micrometer
Ink Melting Point	75°C (167°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: Coated Paper

Print Speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.80	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 50 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 20 Cycles @ 200 Grams with Stainless Steel Pointed Tip

*American National Standard Institute (ANSI) Grade Levels 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.

Conversion Chart

Millimeters (mm) to Inches = mm ÷ 25.4	Inches to Millimeters (mm) = Inches ÷ 0.03937
Meters (m) to Feet (ft) = m ÷ 0.3048	Feet (ft) to Meters (m) = Feet ÷ 3.2808
C° to F° = (1.8 X C°) + 32 = F°	F° to C° = (F° ÷ 1.8) - 17.77
Thousand square inches (MSI) to m ² = MSI X 0.645	MSI = m ² ÷ 0.645



The information on this data sheet was obtained in DNP laboratories. Measured values may vary slightly when tested in a different environment. Information contained within this document is subject to change without notification.