



TR4085plus®

Premium Resin-Enhanced Wax Technical Data Sheet



Product Description

TR4085plus®, the industry's leading wax product since its introduction to the market in November 2000, features our SmoothCoat® backcoat. 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.

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

Synthetics

- ✓ Polypropylene
- ✓ Polyethylene
- ✓ Polyolefin

Specialty Materials

- ✓ Valeron®
- ✓ Kimdura®
- ✓ Polyart®
- ✓ UV varnished labels

Performance Characteristics

- ✓ Anti-static
- ✓ Halogen-free
- ✓ High-density
- ✓ High-speed
- ✓ Scratch Resistant
- ✓ Smudge Resistant
- ✓ SmoothCoat® Backcoat

More Info



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

DURABILITY OF PRINTED IMAGE

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

Label Stock: Coated Paper Print Speed: 6 IPS

*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.



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.

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