



TR5080

Specialty Wax Resin

Technical Data Sheet



Product Description

TR5080 is specifically developed to cover the widest possible range of flood coated label applications. It performs well on the various inks used on spot-coated and flood-coated labels, eliminating the tendency for the label to slip during the printing process. TR5080 eliminates the need for the use of thermal transfer varnishes on flood-coated labels, thereby reducing the total label cost. This specialty wax/resin ribbon features DNP's SmoothCoat™ backcoat and our exclusive anti-static properties for easier handling and extra printhead protection.

Applications



Inventory & Logistics



Outdoor



Pharmaceutical



Retail

Recommended Substrates

Paper

- ✓ Coated/uncoated paper & tag stocks
- ✓ Synthetic paper

Synthetics

- ✓ Polypropylene
- ✓ Top-coated vinyl
- ✓ Polyethylene
- ✓ Polyolefin
- ✓ Valeron®

Specialty Materials

- ✓ Tyvek®
- ✓ Tyvek Brillion®
- ✓ AlphaMAX®
- ✓ Teslin®

Performance Characteristics

- ✓ Ideal for printing on spot-coated and flood-coated labels
- ✓ Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- ✓ Features DNP's SmoothCoat™ backcoat
- ✓ Eliminates the cost of special varnishes
- ✓ Prints at high resolutions (400 dpi+)
- ✓ Unbeatable edge definition for dark, dense images and improved scan rates
- ✓ Anti-static for easy handling and extended printhead life

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax Resin	
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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