



# 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.

**S & K ASIA SDN. BHD.**

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