

TR6080Plus Prime Performance Wax Resin

Product Description

TR6080Plus is a versatile and durable wax/resin that is designed to print dark, dense bar codes on a broad range of label stocks. TR6080Plus provides excellent abrasion and solvent resistance, especially under extreme environmental conditions. This ribbon is ideal for printing on coated and uncoated paper tags/labels, glossy print media, and film. TR6080P is formulated with DNP's backcoat technology for printhead protection, and DNP's exclusive anti-static properties for easier handling.

Recommended Applications



Automotive



Health & Beauty



Inventory & Logistics



Outdoor



Pharmaceutical



Retail

Recommended Substrates

Paper	Coated/uncoated paper & tag stocks
	Synthetic paper
Economy Synthetics	Polypropylene
	Top-coated vinyl
	Polyethylene
	Polyolefin
	Valeron®

Performance Characteristics

- ▶ Prints on an extensive variety of substrates expanding application options
- ▶ Prints at high speeds (up to 12 IPS)
- ▶ Excellent abrasion and solvent resistant
- ▶ Halogen-free
- ▶ Anti-static for easy handling
- ▶ High performance backcoat protects the printhead
- ▶ Unbeatable edge definition for dark, dense images and improved scan rates



for more info!

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Ribbon Properties

Description	Result	Test Method
Ink	Wax Resin	
Color	Black	Visual
Total Thickness	7.1 ± 1.0μ	Weight
Base Film Thickness	4.5 ± 0.4μ	Weight

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.

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