DNP

TR6080Plus

Prime Performance Wax Resin

Technical Data Sheet

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.

Applications

| Automotive | Health & Beauty | Inventory & Logistics | Outdoor | Pharmaceutical | Retail |

Recommended Substrates

Paper

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

Synthetics

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

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

More Info

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

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.