DNP

TR4070

Classic Resin

Technical Data Sheet



Product Description

DNP's TR4070 carries widespread agency approval, including meeting the FDA's requirements for indirect food contact. In addition to superior performance for compliance applications, this ribbon eliminates the need for overlaminates. TR4070 features our specially formulated backcoat technology as well as DNP's exclusive anti-static properties for easy handling and unrivalled printhead protection.

Applications

Automotive | Chemicals | Electronics | Health & Beauty | Inventory & Logistics | Outdoor | Pharmaceutical

Recommended Substrates

Synthetics

- Polyester

Specialty Materials

- Polyimide
- Top-coated vinyl

Performance Characteristics

- Halogen-free
- Eliminates the need for overlaminates in many cases
- Excellent smudge and scratch resistance
- Anti-static for easy handling and extended printhead life
- DNP's specially formulated backcoating for printhead protection
- Unbeatable edge definition ensuring dark, dense images and improved scan rates

More Info

RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	6.3 ± 0.9µ	Weight
Base Film Thickness	4.5 ± 0.4µ	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.60	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 50 Cycles @ 200 Grams with Stainless Steel Pointed Tip

Label Stock: Top-coated Polyester 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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