DNP Technical Data Sheet

TR4055 Standard Wax

Product Description

DNP's newest wax product features a blend of waxes and a unique resin that are combined in an ink that flows smoothly at low print energy to give uniform coverage on lower end substrates. TR4055 also incorporates technology designed to control and dissipate static charges and a backcoat proven to protect your printhead. Specially formulated to provide excellent performance in a broad range of applications, SK1881 sets the standard for everyday thermal transfer printing.

Recommended Applications


Inventory & Logistics


Food & Beverage


Retail

Recommended Substrates

Paper

- Coated paper
- Coated Tag
- Uncoated paper
- Uncoated Tag

Performance Characteristics

- ► Suitable for a wide range of applications
- ► Scratch resistance
- ► Smudge resistance
- ► Capable of print speeds up to 12 IPS
- ► Dark glossy printed image
- ► Halogen-free

for more info!

S & K ASIA SDN. BHD.
29 Jalan Nilam 1/9,
Subang Hi-Tech Industrial Park
40000 Shah Alam, Selangor, Malaysia.
TEL: +6010.540.8909 FAX: +603.5638.8909
EMAIL: sales@snkasia.com / info@snkasia.com

S&K Global Customers
Malaysia, Singapore, Korea, Indonesia, Philippines, Vietnam, Thailand, India, Middle East

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Ribbon Properties

Description	Result	Test Method
Ink	Wax	
Color	Black	Visual
Total Thickness	7.8 ± 0.6µ	Micrometer
Base Film Thickness	4.8 ± 0.3µ	Micrometer

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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