TR4085plus® Premium Resin-Enhanced Wax

PRODUCT DESCRIPTION

The industry's leading wax product since its introduction to the market in November 2000, TR4085plus® features our SmoothCoat® backcoat with a 4 Million Linear Inch Guarantee. This unique ink formulation dissipates static and is versatile enough to print on a wide variety of label stocks. No other wax product beats TR4085plus when it comes to edge definition for crisp, rotated bar codes and dark, durable images.

RECOMMENDED SUBSTRATES

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, polyolefin, Kimdura®, Valeron®, Polyart®, gloss paper, flood-coated paper, UV varnished labels

PERFORMANCE CHARACTERISTICS

- Halogen-Free

- Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films

- Dissipates static

- Enhanced smudge and scratch resistance

- Superior print quality on flood-coated labels

- Unbeatable edge definition ensuring dark, dense images and improved scan rates

RECOMMENDED APPLICATIONS

FLEXIBLE PACKAGING   GENERAL   INVENTORY

LOGISTICS   PARTS PACKAGING   PHARMACEUTICAL

PRODUCT ID   RETAIL   RFID

SHELF   SHIPPING   SIGNAGE

TR4085plus™ Premium Resin-Enhanced Wax

RIBBON PROPERTIES

DESCRIPTION	RESULT	TEST METHOD
Ink	Wax (resin-enhanced)	
Color	Black	Visual
Total Thickness	7.7 ± 0.5µ	Micrometer
Base Film Thickness	4.5 ± 0.3µ	Micrometer
Ink Thickness	3.2 ± 0.2µ	Micrometer
Ink Melting Point	75°C (167°F)	Differential Scanning Calorimeter

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

Meters (m) to Feet (ft) = m ÷ 0.3048

C° to F° = (1.8 X C°) + 32 = F°

Thousand square inches (MSI) to m² = MSI X 0.645

Inches to Millimeters (mm) = Inches ÷ 0.03937

Feet (ft) to Meters (m) = Feet ÷ 3.2808

F° to C° = (F° ÷ 1.8) - 17.77

MSI = m² ÷ 0.645

The information on this data sheet was obtained in our 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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