MP Wax

Product Description

Specially formulated to print at a wide range of energy and speed settings, this wax provides an economical solution for everyday thermal transfer printing. It incorporates proven backcoat technology to protect your printhead. This wax product features a blend of ingredients that are combined in an ink that prints dark images and crisp, clean barcodes.

Recommended Applications

INVENTORY   LOGISTICS   RETAIL

Recommended Substrates

Coated/uncoated paper and tags

Performance Characteristics

• Halogen-Free
• Ideal for printing on coated and uncoated paper labels and tags
• Prints dark images and crisp, clean barcodes
• Drop-in ready, elminating the need for printer adjustments
• Developed with high-quality resins
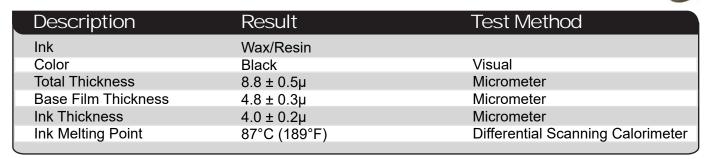• High levels of durability against scratch and smudge

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Ribbon Properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	8.8 ± 0.5µ	Micrometer
Base Film Thickness	4.8 ± 0.3µ	Micrometer
Ink Thickness	4.0 ± 0.2µ	Micrometer
Ink Melting Point	87°C (189°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: Polypropylene   Print Speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.70	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