

MP Wax Standard Wax

Product Description

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

Recommended Applications



Inventory & Logistics



Retail



Food & Beverage

Recommended Substrates

Paper

Coated paper

Coated tag

Uncoated paper

Uncoated tag

Performance Characteristics

- ▶ Halogen-free
- ▶ High-density
- ▶ High-speed
- ▶ Made in U.S.A.
- ▶ Scratch Resistant
- ▶ Smudge Resistant



for more info!

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Ribbon Properties

Description	Result	Test Method
Ink	Wax	
Color	Black	Visual
Total Thickness	$7.8 \pm 0.6\mu$	Micrometer
Base Film Thickness	$4.8 \pm 0.3\mu$	Micrometer
Ink Thickness	$3.0 \pm 0.3\mu$	Micrometer
Ink Transfer Temperature	Uncoated tag 67°C (152°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: Fasson 1C

Print Speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.75	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 = $\text{mm} \div 25.4$	Inches to Millimeters (mm) = $\text{Inches} \div 0.03937$
Meters (m) to Feet (ft) = $\text{m} \div 0.3048$	Feet (ft) to Meters (m) = $\text{Feet} \div 3.2808$
$\text{C}^\circ \text{ to } \text{F}^\circ = (1.8 \times \text{C}^\circ) + 32 = \text{F}^\circ$	$\text{F}^\circ \text{ to } \text{C}^\circ = (\text{F}^\circ \div 1.8) - 17.77$
Thousand square inches (MSI) to m^2 = $\text{MSI} \times 0.645$	$\text{MSI} = \text{m}^2 \div 0.645$



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.