Business Automation Management

Thermal Transfer Ribbon Technical Data Sheet

M260 Ultra Durable Wax/Resin

Product Description

M260 prints on a broad range of label stocks, providing abrasion resistance and print sensitivity. This ribbon is perfect for printing long lasting images on coated tags, uncoated tags, and glossy print media. M260 is designed with specially formulated backcoat technology for printhead protection as well as exclusive anti-static properties for easier handling and extra printhead protection. M260 also prints at speeds up to 12 IPS utilizing less print energy than competing wax/resin ribbons.

Recommended Applications

Recommended Substrates

Coated/uncoated paper, synthetic paper, polypropylene, polyethylene, polyolefin, Kimdura®, Valeron®, Polyart®

Performance Characteristics

- Halogen-Free
- Extensive label adaptability expanding application options
- Remarkably low print energy used to create high quality bar codes
- Abrasion and solvent resistant
- High speed printing up to 12 IPS
- Industry leading edge definition for clean, durable, and dense bar codes
- Specially formulated backcoating for printhead protection

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Ribbon Properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	7.4 ± 0.5µ	Micrometer
Base Film Thickness	4.8 ± 0.3µ	Micrometer
Ink Thickness	2.6 ± 0.2µ	Micrometer
Ink Melting Point	73°C (163°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: Polypropylene Print Speed: 6 IPS

Description	Result	Test Method
Print Density	> 1.60	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 = MIS X 0.645	MSI = m^2 ÷ 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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