

M255 Premium Wax Resin

Ribbon Properties

Description	Result	Test Method
Ink	Wax Resin	
Color	Black	Visual
Total Thickness	8.3 ± 0.5μ	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 × 25.4
Meters (m) to Feet (ft) = m × 3.2808	Feet (ft) to Meters (m) = Feet ÷ 3.2808
C° to F° = (1.8 × C°) + 32 = F°	F° to C° = (F° - 32) ÷ 1.8 = C°
Thousand square inches (MSI) to m ² = MSI × 0.645	m ² to 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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Product Description

M255 formulation prints deep black barcodes and other variable information that is easily read. It delivers excellent small character clarity and edge definition and is extremely resistant to scratching and smudging of the printed image. Plus, this product eliminates label retrack, which means no faint shadows transferred to the labelstock when feeding through the printer. Designed to print on a wide variety of receiving materials, including coated and uncoated paper labels and tags, varnished label stock, and flood-coat, this wax/resin formulation is an excellent choice for extreme applications.

Recommended Applications



Inventory & Logistics



Outdoor



Health & Beauty



Food & Beverage

Recommended Substrates

Paper	Coated/uncoated paper & tag stocks Synthetic paper
Economy Synthetics	Polypropylene Top-coated vinyl Polyethylene Polyolefin Valeron®
Specialty Materials	Tyvek® Tyvek Brillion®

Performance Characteristics

- ▶ Prints on an extensive variety of substrates expanding application options
- ▶ Excellent abrasion and solvent resistant
- ▶ Halogen-free
- ▶ Anti-static for easy handling



for more info!