DNP

DSM

DS Series Wax Resin

Technical Data Sheet

Product Description

DSM is the first universal product to combine the flexibility of an all-purpose ribbon with the durability of a wax/resin ribbon. DSM's unsurpassed technology provides the darkest, most durable image possible from a general-purpose ribbon. It allows you to gain additional wax/resin ribbon business with an economical product.

Applications

Inventory & Logistics	Outdoor	Pharmaceutical	Retail

Recommended Substrates

Paper
- ✓ Coated/uncoated paper & tag stocks
- ✓ Synthetic paper

Synthetics
- ✓ Polypropylene
- ✓ Top-coated vinyl
- ✓ Polyethylene
- ✓ Polyolefin
- ✓ Valeron®

Specialty Materials
- ✓ Tyvek®
- ✓ Tyvek Brillion®
- ✓ AlphaMAX®
- ✓ Teslin®

Performance Characteristics

- ✓ Ideal for printing on spot-coated and flood-coated labels
- ✓ Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- ✓ Features DNP's SmoothCoat™ backcoat
- ✓ Eliminates the cost of special varnishes
- ✓ Prints at high resolutions (400 dpi+)
- ✓ Unbeatable edge definition for dark, dense images and improved scan rates
- ✓ Anti-static for easy handling and extended printhead life

More Info

RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax Resin	
Color	Black	Visual
Total Thickness	8.0 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer

DURABILITY OF PRINTED IMAGE

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

Label Stock: Coated Paper   Print Speed: 6 IPS

*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.