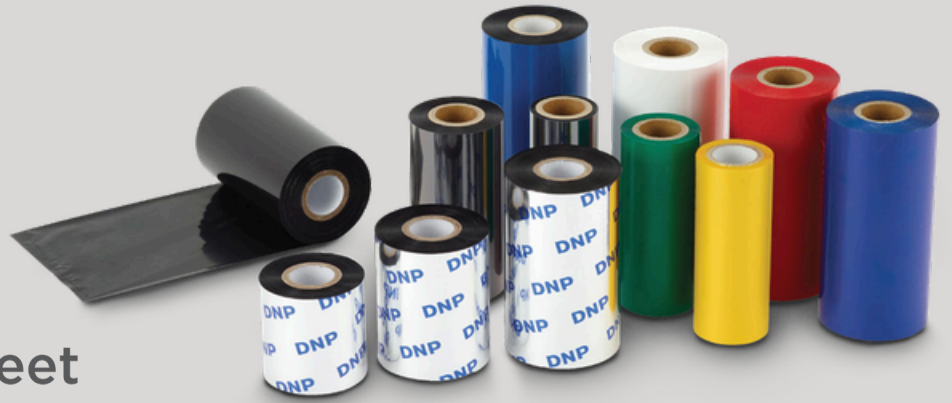




SK3181

Premium Wax Resin

Technical Data Sheet



Product Description

SK3181 is a high-performance wax/resin ribbon formulated to produce variable information that is clear and easy to read. It delivers outstanding small-character clarity and sharp edge definition, while offering strong resistance to scratching and smudging. This formulation helps prevent ink flaking and eliminates faint shadow transfer onto labels during printing. Designed for durability and versatility, SK3181 performs reliably on coated and uncoated paper labels, tag materials, floodcoat stocks, and is well-suited for demanding applications.

Applications



Retail



Inventory & Logistics



Food & Beverage



Health & Beauty



Outdoor

Recommended Substrates

Paper

- ✓ Coated Paper
- ✓ Uncoated Paper
- ✓ Coated Tag
- ✓ Uncoated Tag
- ✓ Gloss

Synthetics

- ✓ Polyethylene
- ✓ Polyolefin
- ✓ Polypropylene

Specialty Materials

- ✓ Polystyrene
- ✓ Tyvek®
- ✓ Tyvek Brillion®
- ✓ Top-coated Vinyl

Performance Characteristics

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

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax Resin	
Color	Black	Visual
Total Thickness	8.3 ± 0.3μ	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.



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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