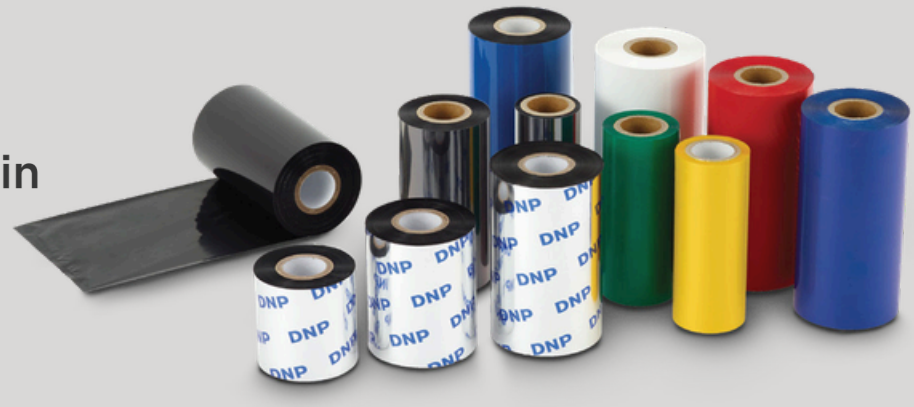
SK5081

The Most Versatile Resin Ribbon For Flat-head Printers

Technical Data Sheet



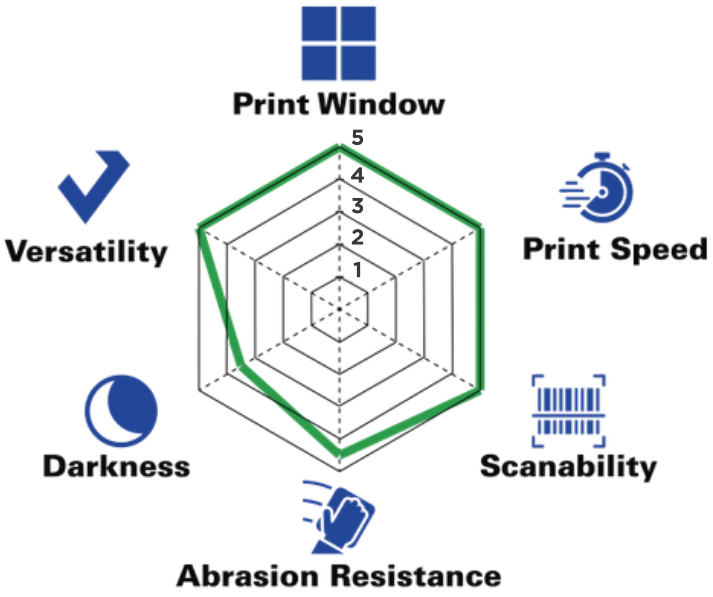
Product Description

SK5081 is a highly versatile resin ribbon designed to print on a wide range of substrates, helping improve productivity, print consistency, and scan accuracy. It delivers exceptional print performance across various settings, enabling better efficiency, outstanding chemical resistance, and high durability. SK5081 provides strong resistance to solvents such as IPA (isopropyl alcohol), ethanol, and oil, making it ideal for demanding applications. Its advanced backcoating protects the printhead from wear while ensuring smooth, reliable printing. With excellent abrasion resistance and long-lasting image quality, SK5081 is an excellent choice for item tracking and applications where lasting readability is essential.

Applications

- Automotive
- Chemicals
- Electronics
- Food & Beverage
- Health & Beauty
- Outdoor
- Pharmaceutical

Performance Characteristics



Recommended Substrates

Synthetics

- Polypropylene
- Polyester
- Polyethylene

Paper

- Coated paper
- Vellum
- Uncoated paper

More Info

RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	
Total Thickness	5.8 ± 0.8µm	Weight
Base Film Thickness	4.5 ± 0.4µm	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.50	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles / 800 Grams with Cotton Cloth
IPA Resistance	A*	Colorfastness Tester - 100 Cycles / 200 Grams
Ethanol Resistance	A*	Colorfastness Tester - 100 Cycles / 200 Grams
Oil Resistance	A*	Colorfastness Tester - 100 Cycles / 500 Grams
Heat Resistance	173°C (343°F)	Densitometer

Label Stock: Fasson PET Printer Used: Zebra 140xi4 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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