

✓300

The Most Versatile Resin Ribbon For Flat-head Printers

Technical Data Sheet



Product Description

The most versatile resin ribbon printing on a wide variety of substrates improving productivity, high print sensitivity saving energy and allowing for a longer print head lifecycle. Capability of printing in a broad area of heat settings, allowing for better efficiency, outstanding IPA (isopropyl alcohol), ethanol and oil resistance, offering high quality prints where durability is key. Excellent blocking resistance allowing for no issues with ink transferring to the ribbon backcoating, assuring for problem-free print results and saving the print head against wear-off, great abrasion resistance making it a great solution for item tracking where lasting readability is required.

Applications



Automotive



Chemicals



Electronics



Food & Beverage



Health & Beauty

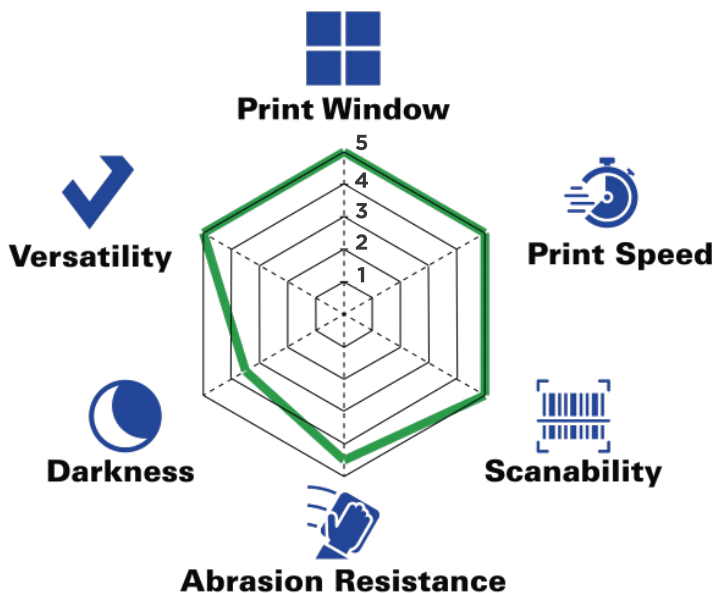


Outdoor



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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