



R396

High Speed Durable
Near Edge Resin

Technical Data Sheet



Product Description

R396 boasts print speeds up to 26 IPS (660mm per second) making this ribbon the choice for high-speed flexible packaging applications. In addition to its high performance, R396 surpasses the competition in abrasion resistance and is a viable solution to applications such as parts packaging, medical devices, cosmetics, healthcare, and pharmaceutical. R396 is designed with DNP's standard anti-static and backcoat properties to protect printheads and extend printhead life. And, like all DNP ribbons, R396 is an industry leader in edge definition producing dark, dense images for improved scan rates.

Applications



Food &
Beverage



Health &
Beauty



Pharmaceutical

Recommended Substrates

Synthetics

- ✓ Polyester
- ✓ Polypropylene
- ✓ Polyethylene
- ✓ Polyolefin

Specialty Materials

- ✓ Nylon

Performance Characteristics

- ✓ Halogen-Free
- ✓ Extremely fast print speeds up to 26 IPS (660mm per second)
- ✓ Perfect for prime retail flexible packages
- ✓ Remarkable image density
- ✓ Superior abrasion resistance
- ✓ Unbeatable edge definition for dark, dense images and improved scan rates
- ✓ Anti-static for easy handling and extended printhead life
- ✓ DNP's specially formulated backcoating for printhead protection

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	5.7 ± 0.9μ	Weight
Base Film Thickness	4.0 ± 0.4μ	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.40	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 50 Cycles @ 200 Grams with Stainless Steel Pointed Tip

Label Stock: Polypropylene Film

Print Speed: 2 to 26 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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