

DNP

DSR

DS Series Resin



Technical Data Sheet

Product Description

DSR is a reliable, cost-effective solution for a wide range of resin applications. DSR outperforms the competition in abrasion and solvent resistance, uses less print energy and is designed with DNP's standard anti-static and backcoat properties to protect and extend the life of printheads.

Applications



Automotive



Chemicals



Electronics



Food & Beverage



Health & Beauty



Inventory & Logistics



Outdoor



Pharmaceutical

Recommended Substrates

Synthetics

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

Performance Characteristics

- ✓ Good sensitivity (high definition characters)
- ✓ Halogen-free
- ✓ Extreme durability and solvent resistance
- ✓ Extensive label adaptability expanding application options
- ✓ Unmatched scratch and heat resistance
- ✓ Unbeatable edge definition for dark, dense images and improved scan rates
- ✓ DNP's specially formulated backcoating for printhead protection
- ✓ Anti-static for easy handling and extended printhead life

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	5.8 ± 0.9μ	Weight
Base Film Thickness	4.5 ± 0.4μ	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.80	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: Top-coated Polyester

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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