

DNP

DSNE

DS Series Near Edge
Wax Resin

Technical Data Sheet



Product Description

DSNE is versatile enough to print on a wide variety of label stocks for near edge printers. DSNE is designed with DNP's specially formulated backcoat technology for printhead protection as well as DNP's exclusive anti-static properties for easy handling and extra printhead protection. It offers excellent images on various substrates, even on Tyvek® that is one of the challenging substrates for thermal transfer ribbons to print.

Applications



Food &
Beverage

Health &
Beauty

Inventory &
Logistics

Outdoor

Pharmaceutical

Retail

Recommended Substrates

Paper

- ✓ Coated paper
- ✓ Uncoated paper
- ✓ Coated tag
- ✓ Uncoated tag
- ✓ Gloss paper

Synthetics

- ✓ Kimdura®
- ✓ Polyolefin
- ✓ Polyart®
- ✓ Valeron®
- ✓ Polyethylene

Specialty Materials

- ✓ Tyvek®
- ✓ Tyvek Brillion®

Performance Characteristics

- ✓ Halogen-Free
- ✓ Prints excellent images on a wide variety of label and tag stocks
- ✓ Anti-static for easy handling and extended printhead life
- ✓ DNP's specially formulated backcoating for printhead protection
- ✓ Unbeatable edge definition for dark, dense images and improved scan rates

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	8.2 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.86	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: 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.

DNP IMAGINGCOMM ASIA SDN. BHD.

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