

DNP

DSW

DS Series Wax

Technical Data Sheet



Product Description

Specially formulated to print at a wide range of energy and speed settings, DSW provides an economical solution for everyday thermal transfer printing. It incorporates technology designed to control and dissipate static charges and a backcoat proven to protect your printhead. This wax ribbon features a blend of ingredients that are combined in an ink that prints dark images and crisp, clean barcodes.

Applications



Food & Beverage



Inventory & Logistics



Retail

Recommended Substrates

Paper

- Coated paper
- Coated Tag
- Uncoated paper
- Uncoated Tag

Performance Characteristics

- Suitable for a wide range of applications
- Scratch resistance
- Smudge resistance
- Capable of print speeds up to 12 IPS
- Dark glossy printed image
- Halogen-free

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax	
Color	Black	Visual
Total Thickness	7.8 ± 0.6μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.80	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 50 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 20 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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