



JPN700

General Purpose Wax Resin



Technical Data Sheet

Product Description

JPN700 is the perfect choice for general-purpose wax-resin ribbon applications, providing excellent print quality, graphics, and barcode clarity at substantial savings. When compared to other general-purpose wax-resin ribbons, JPN700 prints at lower energy settings, creates a darker image, and provides higher durability. JPN700 is recommended for general label printing, RFID, coated and uncoated paper and tags, flexible packing, direct print polyethylene, polyolefin, polypropylene, flood-coated paper and more.

Applications



Health & Beauty



Inventory & Logistics



Outdoor



Pharmaceutical



Retail



Textile Garment



Name card

Recommended Substrates

Paper

- ✓ Coated tag stock
- ✓ Uncoated tag stock
- ✓ Synthetic paper
- ✓ Coated paper
- ✓ Uncoated paper

Synthetics

- ✓ Polypropylene
- ✓ Polyethylene
- ✓ Polyolefin
- ✓ Top-coated vinyl
- ✓ Valeron®

Performance Characteristics

- ✓ Halogen-free
- ✓ Free of toxic SVHC substances
- ✓ Great abrasion and scratch resistance
- ✓ Strong solvent resistant
- ✓ Unbeatable edge definition for dark, dense images and improved scan rates
- ✓ Prints dark images on paper and low-end synthetic tags and labels



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RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax Resin	
Color	Black	Visual
Total Thickness	8.5 ± 0.3μ	Micrometer
Base Film Thickness	4.5 ± 0.1μ	Micrometer

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Water Resistance Test	No significantly faded	Soaked in water at 100°C for 2 hours
Low Temperature Test	No significantly fallen of	Placed in a closed cold box at -17°C for 20 hours
Smudge Resistance	A*	Slight exposure – 100 Cycles @ 680 Grams weight load
Scratch Resistance	A*	Slight exposure – 150 Cycles @ 680 Grams weight load

*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 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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