



JPN700

Cost-Effective
Wax Resin



Technical Data Sheet

Product Description

JPN700 is a cost-effective wax-resin ribbon provides great print quality and scratch resistance on a wide range of print media. Renowned for its adaptability, JPN700 stands out with exceptional print quality and reduced print energy consumption, ensuring both versatility and efficiency. Its low energy requirements, coupled with MNPI's cutting-edge backcoat technology, contribute to extending the lifespan of printheads, particularly in demanding wax-resin applications. Beyond its performance, JPN700 prioritizes safety, being halogen-free and devoid of toxic SVHC substances.

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
- ✓ Excellent heat resistance up to 100°C
- ✓ High-Speed Printing (up to 10 lps)

More Info



RIBBON PROPERTIES

Description Ink	Result Wax Resin	Test Method
Color	Black	Visual
Total Thickness	8.2 ± 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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