



JPN600

High Performance
Excellent Wax

Technical Data Sheet



Product Description

Discover the superior performance of JPN600, an high performance excellent wax ribbon designed to meet the stringent demands of diverse industries. Boasting a low printing temperature and robust scratch resistance, JPN600 stands out with its exceptional durability and energy efficiency. This economical choice not only ensures excellent substrate compatibility but also delivers high sensitivity and definition, making it an ideal solution for various applications. Perfect for general-purpose wax ribbon needs, JPN600 impresses with its outstanding print quality, vivid graphics, and barcode clarity, all at significant cost savings. Compared to other general-purpose wax ribbons, JPN600 takes the lead with lower energy settings, darker image creation, and remarkable durability. Elevate your printing experience with JPN600, where performance, savings, and reliability converge.

Applications



Food &
Beverage



Health &
Beauty



Inventory &
Logistics



Pharmaceutical



Retail

Recommended Substrates

Paper

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

Synthetics

- ✓ Polypropylene
- ✓ Polyethylene
- ✓ Polyolefin

Specialty Materials

- ✓ Kimdura®
- ✓ Valeron®

Performance Characteristics

- ✓ Heat Resistant
- ✓ Scratch Resistant
- ✓ Smudge Resistant
- ✓ Enhanced Backcoat Technology
- ✓ Perfect Sharpness
- ✓ Low Printing Energy Consumption
- ✓ 2.2 ODR Printing Darkness
- ✓ High-Speed Printing (8 Ips)



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RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax	
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.

PT. Mitra Nippon Printing Indonesia

Kawasan Industri Multifungsi 2, Jalan Tanjung No. 3-5, Cikarang Selatan 17530, Indonesia.

+62-21 897 5719

info@mnipponindonesia.com

www.mnipponindonesia.com