

Technical Data Sheet

JPN500

Standard Wax

Product Description :

JPN500 is a standard wax ribbon that has been recognized by customers worldwide for over a decade. It offers resin-enhanced image quality, broad substrate compatibility, and an affordable price. JPN500's low energy consumption and enhanced back coating help protect printheads substantially, effectively extending their service life. JPN500 is the perfect choice for general-purpose wax ribbon applications, providing excellent print quality, graphics, and barcode clarity at substantial savings. When compared to other general-purpose wax ribbons, JPN500 prints at a lower energy setting, creates a darker image, and provides higher durability, all while printing in excess of 3+ million linear inches.

Applications :



Inventory & Logistic



Retail



Textile Garment

Recommended Substrates :

Paper

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

Synthetics

- Coated paper
- Uncoated paper
- Food-coated paper

- Polypropylene
- Polyethylene
- Polyolefin

Specialty Materials

- Kimdura®
- Valeron®

Ribbon Properties :

Ink : Wax

Color : Black

Total Thickness : $8.8 \pm 0.3\mu$

Base Film Thickness : $4.5 \pm 0.1\mu$

Performance Characteristics :

- Suitable for a wide range of applications
- Intense darkness and impeccable sharpness in printed image
- Specially formulated back coating for printhead protection

PRINT SPEED
8 IPS



HEAT RESISTANCE
60 °C



SCRATCH RESISTANCE

*A
Slight exposure - 10 Cycles @680 Grams weight load



PRINT DENSITY

> 1.75
Spectro-Densitometer

SMUDGE RESISTANCE

*A
Slight exposure - 30 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.

