Flat Head

Technical Data Sheet

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JPN500

Wax

Product Description :

Customers all across the world have recognized JPN500 as a standard wax ribbon for more than ten years. It provides wide substrate compatibility and an economical price. The JPN500's improved back coating and reduced energy usage significantly protect printheads, hence prolonging their service life. For general-purpose wax ribbon applications, JPN500 is the ideal option since it offers great print quality, graphics, and barcode clarity at a significant cost savings. In comparison to comparable all-purpose wax ribbons.

- Suitable for a wide range of application
- Intense darkness and impeccable sharpness in printed image

Ribbon Specification :

Ink Type	: Wax
Color	: Black
Total Thickness	: 8.8 ± 0.3 µm
Base Film Type	: PET
Base Film Thickness	: 4.5 ± 0.1 µm
Melting Point	: 65 ± 3 °C

Applications :

Inventory & Logistic | Retail | Textile Garment

Recommended Substrates :

Paper

- ☑ Coated tag stock
- ☑ Uncoated tag stock
- ☑ Gloss paper
- ☑ Synthetic paper
- ☑ Coated paper
- ☑ Uncoated paper
- ☑ Food-coated paper

Synthetics

- ☑ Polypropylene
- ☑ Polyethylene
- ☑ Polyolefin

Specialty Materials

- ☑ Kimdura®
- ☑ Valeron®

Storage Conditions :

Temperature	: 5 - 35 °C
Humidity	: 20 - 80 %
Validity Period	: 12 months

Typical Compliance :

REACH / SVHC	: 1907 / 2006 / EC
RoHS / Heavy Metals	: 2011 / 65 / EU
Hologen Free	: IEC 61249-2-21 : 2003
ISEGA Certified	: 1935 / 2004 / EC

*Above document are available upon request.

Performance :

PRINT SPEED
200 mm/sec
100 200 300 400 500

SCRATCH RESISTANCE
*A
F D C B A
Slight exposure - 10 Cycles @680 Grams weight load

HEAT RESISTANCE
60 °C
20 40 60 80 100

PRINT DENSITY
> 1.75
0.4 0.8 1.2 1.6 2
Spectro-Densitometer

SMUDGE RESISTANCE
*A
F D C B 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.

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