



JPN880

Near Edge Wax/Resin



Technical Data Sheet

Product Description

The JPN880 is a near edge wax/resin ribbon that is meticulously crafted for the food packaging industry. It boasts an anti-static formulation ink and silicone-based back coat, ensuring optimal performance and durability. Certified by various regulatory bodies, including RoHS and FDA, it guarantees safety and quality. With a print speed of up to 32 IPS and enhanced resistance features including scratch/smudge, UV, and solvent resistances, the JPN880 is engineered for efficiency and reliability.

Applications



Food &
Beverage



Inventory &
Logistics



Retail

Recommended Substrates

Paper

- ✓ Coated Paper
- ✓ Glossy Paper

- ✓ Synthetic Paper

Synthetics

- ✓ Polyethylene
- ✓ Polypropylene
- ✓ Polyester

Specialty Materials

- ✓ Nylon

Performance Characteristics

- ✓ Halogen-Free
- ✓ Outstanding transfer sensitivity
- ✓ Perfect for both rough and smooth stocks
- ✓ Excellent UV resistance level
- ✓ Extremely fast print speeds up to 32 IPS
- ✓ Remarkable image density (Konica Minolta FD-5) ranging from A to A+
- ✓ Superior abrasion resistance



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RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax Resin	
Color	Black	Visual
Total Thickness	7.0 ± 0.3μ	Micrometer
Base Film Thickness	4.5 ± 0.3μ	Micrometer

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.80	Spectro-Densitometer
Scratch/Smudge Resistance	3.5 (ANSI)	Pressure: 1.96x10 ⁴ Pa Stroke Cycle: 3000 cycles with corrugated paper

*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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