

CX1020 WAX

PREMIUM WAX RIBBON

- THERMAL TRANSFER
- FLAT-HEAD
- PREMIUM WAX

PRODUCT OVERVIEW

CX1020 is a premium wax ribbon engineered to deliver enhanced print durability and superior image clarity compared to standard wax solutions. By combining high print sensitivity with improved mechanical resistance, it ensures consistent performance across a wide range of labeling applications.

Designed for both paper and selected synthetic substrates, CX1020 provides an optimal balance between cost efficiency and durability, making it a reliable upgrade for demanding environments.

COMPATIBLE MATERIALS

CX1020 is optimized for a broad range of materials:

- Coated paper (high-gloss, semi-gloss)
- Uncoated paper (vellum, standard paper)
- Tags and labels
- Thermal transfer paper (TTP)
- Selected synthetic materials

DURABILITY & RESISTANCE

Compared to conventional wax ribbons, CX1020 offers improved resistance properties:

- Enhanced scratch resistance for better handling durability
- Increased smudge resistance during transport and use
- Stable performance under mechanical stress
- Reliable adhesion across different substrates

TYPICAL APPLICATIONS

- Retail and commercial labeling
- Logistics and warehouse operations
- Storage and inventory management
- Clothing and textile tags
- Horticulture and plant labeling
- General-purpose labeling

Compatible with:

- Zebra
- SATO
- TSC
- NOVEXX
- cab
- Printronix
- Brother
- Markem-Imaje

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KEY FEATURES

- Premium wax formulation with enhanced durability
- High-density, high-contrast printing
- Excellent edge definition for barcodes and text
- Improved abrasion resistance for longer label life
- Strong adhesion on coated papers and selected synthetics
- High sensitivity enabling low-energy printing
- Suitable for high-speed printing environments

PRINT PERFORMANCE

- CX1020 ensures stable and consistent print output across various applications:
- Deep black print with high optical density
- Clean and sharp barcode reproduction
- Reliable readability even on small characters
- Suitable for both simple and complex label designs

TECHNICAL SPECIFICATIONS

Ink color	Black
Color density	≥1.8 (X-Rite)
Abrasion resistance	≥20 cycles (200g load, coated)
Base film	PET (BOPET)
Base film thickness	4.5 +/- 0.2 um
Total ribbon thickness	approx. 7.1 +/- 0.5 um
Ink melting point	approx. 85C
Temperature	-5C to 40C
Humidity	20% - 85% RH
Shelf life	12 months

COMPLIANCE & CERTIFICATIONS

- RoHS compliant
- REACH compliant
- ISO certified manufacturing
- MSDS available
- ISEGA (food contact compliant)
- Halogen-free



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- REACH
- RoHS
- ISO 9001
- ISEGA