

CX2010 W/R

WAX/RESIN RIBBON

- THERMAL TRANSFER
- FLAT-HEAD
- WAX-RESIN

PRODUCT OVERVIEW

CX2010 is a high-performance wax/resin ribbon designed to deliver an optimal balance between print quality, durability, and cost efficiency. Compared to standard wax ribbons, it offers significantly improved resistance to scratching and smudging while maintaining excellent print clarity and speed.

Developed for versatile applications, CX2010 performs reliably on both paper and synthetic materials, making it a dependable solution for demanding labeling environments.

COMPATIBLE MATERIALS

CX2010 is suitable for a wide range of substrates:

- Coated paper (high-gloss, semi-gloss)
- Uncoated paper (vellum, standard paper)
- Synthetic paper
- Film labels (PP, PET, PE, BOPP, PVC)

DURABILITY & RESISTANCE

- Improved scratch resistance for handling and transport
- Strong smudge resistance under mechanical stress
- Better resistance to chemicals (e.g. alcohol, oils)
- Maintains print stability after exposure to water and low temperatures

TYPICAL APPLICATIONS

- Logistics and warehouse labeling
- Retail and shelf labeling
- Pharmaceutical and healthcare labels
- Automotive and industrial labeling
- Chemical industry applications
- Clothing and textile tags
- Asset tracking and production labeling

KEY FEATURES

- Enhanced wax/resin formulation for improved durability
- High print density with sharp, precise image quality
- Excellent performance on coated and synthetic materials
- Strong scratch and smudge resistance
- High sensitivity for low-energy printing
- Stable performance at high print speeds
- Optimized backcoating for printhead protection

PRINT PERFORMANCE

- CX2010 ensures consistent and high-quality output across a wide range of applications:
- Deep black printing with high optical density (~2.1 ODR)
- Excellent barcode readability (0° and 90° orientation)
- Clean edge definition for text and graphics
- Reliable performance even with small fonts (down to 4 pt)
- Sensitivity & Efficiency
- Designed for efficient low-to-medium energy printing
- Supports high-speed printing up to 203 mm/s (8 ips)
- Ensures stable output across different printer types

TECHNICAL SPECIFICATIONS

Ink color	Black
Optical density	approx. 2.1 ODR
PET film thickness	4.5 µm
Total ribbon thickness	approx. 8.4 µm
Melting point	approx. 73C
Printing speed	up to 203 mm/s (8 IPS)
Printing energy	Medium
Temperature	5C - 35C
Humidity	20% - 80% RH
Shelf life	12 months
Compatible with most flat	

COMPLIANCE & CERTIFICATIONS

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

