

CX5010 TEXTILE

PREMIUM TEXTILE RESIN RIBBON

- THERMAL TRANSFER
- FLAT-HEAD
- TEXTILE RESIN

PRODUCT OVERVIEW

CX5010 is a high-performance resin ribbon specially developed for textile and garment labeling applications. It delivers outstanding print durability on fabric-based materials, ensuring long-lasting readability even under repeated washing, abrasion, and ironing conditions.

Designed for demanding textile environments, CX5010 provides excellent adhesion on synthetic fabrics and woven labels, making it the ideal solution for apparel, tags, and textile identification.

COMPATIBLE MATERIALS

CX5010 is optimized for textile substrates:

- Satin
- Nylon
- Textile woven fabrics
- Polyester labels
- Tyvek®
- Garment and clothing tags

DURABILITY & RESISTANCE

- Excellent wash resistance (including industrial washing)
- High resistance to abrasion and mechanical stress
- Strong solvent and stain resistance
- Superior ironing resistance at elevated temperatures
- Maintains print quality over long-term use

TYPICAL APPLICATIONS

- Clothing and apparel labels
- Wash-care labels
- Textile and fabric tags
- Jeans and garment identification
- Luggage and textile accessories
- Industrial textile labeling

KEY FEATURES

- Specialized resin formulation for textile applications
- Exceptional wash resistance, including stone-washing processes
- Excellent resistance to ironing and high temperatures
- Strong adhesion on textile and synthetic materials
- High-definition printing for fine text and barcodes
- Excellent resistance to abrasion and handling
- Anti-adhesion properties for clean and reliable printing

PRINT PERFORMANCE

- CX5010 ensures superior print quality on textile materials:
- Deep black, high-density print output
- Excellent sharpness for barcodes and QR codes
- Reliable printing of small characters and detailed graphics
- Consistent print quality on woven and synthetic labels

TECHNICAL SPECIFICATIONS

Ink type	Resin (Textile grade)
Ink color	Black
Base film	PET (BOPET)
Base film thickness	4.5 +/- 0.2 um
Total ribbon thickness	approx. 6.5 +/- 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 production
- MSDS available
- Halogen-free

