

CX5020 TEXTILE

PREMIUM TEXTILE RESIN RIBBON (HIGH PERFORMANCE)

- THERMAL TRANSFER
- FLAT-HEAD
- PREMIUM TEXTILE

PRODUCT OVERVIEW

CX5020 is a premium textile resin ribbon designed for high-end garment and textile labeling applications. It delivers exceptional durability, superior wash resistance, and outstanding print quality on a wide range of textile materials.

Engineered for long-life labeling, CX5020 ensures reliable performance even under repeated washing, dry cleaning, and ironing conditions, making it ideal for demanding apparel and textile environments.

COMPATIBLE MATERIALS

CX5020 is optimized for textile substrates:

- Nylon
- Polyester
- Satin
- Textile woven labels
- Care and composition labels
- Synthetic fabric labels

DURABILITY & RESISTANCE

- Superior washing resistance (including industrial washing cycles)
- Excellent dry cleaning resistance
- High resistance to abrasion and handling
- Strong heat resistance for ironing applications
- Long-term print stability on textile labels

TYPICAL APPLICATIONS

- Apparel and garment labeling
- Care labels (washing instructions)
- Composition labels
- Textile and fashion industry
- Industrial textile identification
- Premium clothing and accessories

KEY FEATURES

- Premium resin formulation for textile applications
- Excellent resistance to washing and dry cleaning processes
- High resistance to heat and ironing
- Strong adhesion on textile and synthetic fabrics
- High-density, deep black printing
- Outstanding durability under repeated use
- Consistent performance across different textile materials

PRINT PERFORMANCE

- CX5020 delivers high-quality and reliable print results:
- Deep black, high-contrast print output
- Excellent sharpness for text, symbols, and barcodes
- Reliable readability for care instructions and composition labels
- Consistent printing on nylon, polyester, and satin materials

TECHNICAL SPECIFICATIONS

Ink type	Resin (Textile grade)
Ink color	Black
Base film	Polyester (PET)
Base film thickness	4.5 um
Total ribbon thickness	approx. 8.2 um
Ink melting point	approx. 83C
Usage temperature	5C - 35C
Storage temperature	5C - 45C
Humidity	20% - 85% RH
Shelf life	12 months

COMPLIANCE & CERTIFICATIONS

- RoHS compliant
- REACH compliant
- ISO certified production
- MSDS available



Compatible with:

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

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- REACH
- RoHS
- ISO 9001
- ISEGA

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