

ChemResist Resin Ribbon

Premium resin ribbon for superior image durability

The quality of your thermal ribbons impacts everything from label performance and printhead lifespan to the productivity of your operations. You can count on superior performance with Zebra's ChemResist Resin Ribbon. When paired with compatible synthetic materials, specifically Z-Xtreme White and Silver, this ribbon provides high-quality and durable print, ideal for use in high-temperature and extreme environments. The ChemResist ribbon also provides resistance against strong chemicals such as acetone and xylene, ideal for manufacturing applications.



Unmatched Print Quality and Durability

Ideal for use:

- With high-end synthetic materials which require extreme resistance to harsh chemicals
- In environments with high temperature and harsh environments that require excellent print quality, print durability and label performance
- When applications require strong resistance against ultra-high temperatures and harsh outdoor environments

Print Quality and Durability Thoroughly Tested

Our supplies R&D team perform stringent print quality, durability and printhead life tests as well as printing on a wide range of material types, at various speeds using Zebra printers. These tests include evaluating:

- Material Compatibility – To ensure proper adhesion of the ribbon to a wide range of materials
- Environmental Performance – The level of resistance to chemicals, outdoor exposure and abrasion
- Complex Label Format Performance – High Performance when printing small font sizes, intricate regulatory symbols, and rotated barcodes
- Ribbon Backcoating Build-up – We measure the amount of back coating build up on the printhead to ensure minimal printhead impact.

Zebra ZipShip — on the shelf and ready to ship

Need your label in a hurry? Z-Band Splash is part of ZipShip— on the shelf and ready for immediate dispatch. You get fast shipment, and the minimum order is just one box. margins are a concern, we offer a purely software decode option — no hardware required.

Print Confident. Print Quality. Print Zebra.

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, product and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimized performance. We utilize an ISO 9001 certified, 23-point inspection process to and consistent materials to ensure reliable performance from order-to-order. No matter when you order your labels, you can count on the same consistent performance.

Achieve superior image durability in extreme conditions with the ChemResist Resin Ribbon.

For more information, please visit www.zebra.com/ribbons

Specifications

Technical Specifications

Color	Black
Ink Formulation	Resin
Base Film	Polyester
Base Film Caliper	4.5 microns
Total Caliper	7 microns +/- 10%
Scanning Capabilities	IR and visible light

Product Performance and Suitability

Recommended Storage Conditions (before use)	1 year duration when stored at 10°C to 26°C at 25% to 50% RH
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Barcode Scannability

10 or 12 mil normal code up to 203.2mm/sec print speed	Typical ANSI Grade A
15 mil rotated code up to 152.4mm/sec print speed	Typical ANSI Grade B

Print Durability

Glass Cleaner with Ammonia	Recommended
Formula 409	Recommended
Skydrol	Recommended
Motor Oil	Recommended
Brake Fluid	Recommended
Gunk Degreaser	Recommended
WD-40	Recommended
Genesolv	Recommended
Rho-Tro	Recommended
Hexane	Recommended
Xylene	Recommended
Gasoline	Recommended
Acetone	Recommended
Alcohol (90% Isopropyl Alcohol)	Recommended

Ideal for use with

Z-Xtreme 5000T White and Silver

Regulatory

REACH/ Substances of Very High Concern (SVHC)
RoHS
Dodd-Frank Act (Conflict Minerals)
Toxic Substances Control Act of 1976
California Proposition 65
Resinous and Polymeric Coatings
Halogen free, latex free, animal derivatives free, BP free

Stocked Sizes for Zebra Printers

110mm x 300metres - Industrial
110mm x 74metres - Desktop

Material Testing in End Application

The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application. All products should be pre-tested to ensure they meet all intended requirements of specific end-use applications.

Warranty

Supplies are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: zebra.com/warranty.

Markets and Applications

Healthcare

- Laboratory and slide labeling

Industrial

- Chemical labeling



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