



Image Lock™ Resin Ribbon

Premium resin ribbon providing excellent edge definition combined with exceptional abrasion and solvent resistance

A premium resin ribbon that offers exceptional abrasion and solvent resistance on a wide variety of substrates, while still providing excellent edge definition. This ribbon is an excellent choice for printing extremely dense barcodes and high-resolution graphics. Its unique resin base provides excellent resistance to outdoor elements and chemical solvents.



Suggested Applications

- High temperature, harsh environments requiring excellent print quality, print durability and label performance
- Replacement for laminated labels
- Labeling applications requiring extreme resistance to chemicals
- Laboratory slide label applicationsChemical drum labeling applications

Specifications

Attributes	
Color	Black
Ink Formulation	Resin
Base Film	Polyester
Base Film Caliper	4.5 microns
Total Caliper	6.6 microns +/- 10%
Scanning Capabilities	IR and Visible Light
Regulatory Compliance	
Z-Xtreme™ 5000T White, Silver, and Clear - UL Recognized	
8000T Image Lock™ Media - UL Recognized	
Product Performance and Suitability	
Recommended storage conditions	23°F to 104°F (-5°C to 40°C) at 20% to 85% RH
Expected Shelf Life	1 Year
All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.	

MATERIALS SPEC SHEET

3200 PREMIUM WAX/RESIN RIBBONS

Chemical Resistance	
Weak Chemicals	
Hexane	Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Transition Fluid	Test in Your Application Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Engine Coolant	Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Windshield Wiper Fluid	Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Moderate Chemicals	
Denatured Alcohol	Test in Your Application Z-Xtreme 4000T Label with 5095 Ribbon Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
IPA	Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Harsh Chemicals	
Gasoline	Not Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Test in Your Application Z-Xtreme 4000T Label with 5095 Ribbon Recommended Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon

Motor Oil	Test in Your Application Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Recommended Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Extreme Chemicals	
Acetone	Not Recommended Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Test in Your Application Z-Xtreme 2000T Label with 3200 Ribbon Recommended Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
MEK	Not Recommended Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Test in Your Application Z-Xtreme 2000T Label with 3200 Ribbon Recommended Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
TCE	Not Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Recommended Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Xylene	Not Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Recommended Z-Xtreme 4000T Label with 3200 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
Abrasion Resistance	
Scratch / Smear	Not Recommended Z-Xtreme 2000T Label with 3200 Ribbon Z-Xtreme 4000T Label with 3200 Ribbon Recommended Z-Xtreme 2000T Label with 5095 Ribbon Z-Xtreme 4000T Label with 5095 Ribbon Z-Xtreme 5000T Label with Image Lock Ribbon
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.



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