



ZEBRA

SUGGESTED APPLICATIONS

Image Lock™ Resin

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.

UL / cUL / CSA Certifications with the following materials:

- Z-Xtreme™ 5000T White, Silver, and Clear
- 8000T Image Lock™ Media



- 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 applications



TECHNICAL SPECIFICATIONS

Attribute	Specification
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

Recommended Storage Conditions: 23°F to 104°F (-5°C to 40°C) at 20% to 85% RH

Shelf Life 1 year

All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.

For more information, visit www.zebra.com/supplies

Product Performance and Suitability: 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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Image Lock™ Resin

Image Lock™ Performance Analysis

Chemical Resistance	Z-Xtreme 2000T 3200 Ribbon	Z-Xtreme 2000T 5095 Ribbon	Z-Xtreme 4000T 3200 ribbon	Z-Xtreme 4000T 5095 Ribbon	Z-Xtreme 5000T Image Lock Ribbon
Acetone	●	NR	●	NR	●
Xylene	NR	NR	●	NR	●
1,1,1 Trichloroethylene (TCE)	NR	NR	●	NR	●
Gasoline	NR	●	NR	●	●
Methyl Ethyl Ketone (MEK)	●	NR	●	NR	●
91% Isopropyl Alcohol	●	●	●	●	●
Transmission Fluid	●	●	●	●	●
Hexane	●	●	●	●	●
Denatured Alcohol	●	●	●	●	●
Engine Coolant	●	●	●	●	●
Motor Oil	●	●	●	●	●
Windshield Wiper Fluid	●	●	●	●	●
Abrasion Resistance					
Scratch/Smear	NR	●	NR	●	●

● Recommended ● Test in Your Application NR Not Recommended

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