



SEE MORE. DO MORE.

Image Lock™ Resin Thermal Transfer Ribbon

Description:

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 Recognized and CSA Accepting Printing Systems with the following materials:

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



Suggested Applications:

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

Technical Specifications

Image Lock™ Ribbon	
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

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	TEST		✓		✓
Xylene			✓		✓
1,1,1 Trichloroethylene (TCE)			✓		✓
Gasoline		✓		TEST	✓
Methyl Ethyl Ketone (MEK)	TEST		✓		✓
91% Isopropyl Alcohol	✓	✓	✓	✓	✓
Transmission Fluid	✓	✓	TEST	TEST	✓
Hexane	✓	✓	✓	✓	✓
Denatured Alcohol	✓	✓	✓	TEST	✓
Engine Coolant	✓	✓	✓	✓	✓
Motor Oil	TEST	✓	TEST	TEST	✓
Windshield Wiper Fluid	✓	✓	✓	✓	✓

Abrasion Resistance

Scratch/Smear		✓		✓	✓
---------------	--	---	--	---	---

- ✓ – Excellent performance
- TEST – Test in your application
- Blank – Not recommended

All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications. For testing of this product, please order sample ribbon 74918.