



# Specification Sheet

## Z-Xtreme 500T

### Features:

- Thermal transfer, matte polyester label with a high-performance permanent acrylic adhesive
- Excellent smear/scratch resistance
- Excellent durability and chemical resistance
- Topcoating is suitable for fanfolding
- Available in white (66506RM), silver (66507RM), or clear (66505RM)

### Suggested Applications:

- UL/cUL compliance product labeling
- Top-side PCB labeling
- Laboratory slide labeling
- Asset labeling
- Automotive labeling
- Serial plate labeling
- Applications currently using an overlaminated

### Material Construction:

	Description	Caliper
Facestock	White, silver, or clear matte coated polyester	3.0 mil
Adhesive	Permanent, acrylic-based	1.0 mil
Liner	50 lb. semi-bleached, kraft stock	3.1 mil
<b>Total</b>		7.1 mil +/- 10%

### Temperature Performance:

- Minimum Application Temperature: 50° F (10° C)
- Service Temperature: -40° F to 300° F (-40° C to 149° C)
- Storage Conditions: 32° F to 70° F (0° C to 21° C) at 35% to 50% RH
- Expected Exterior Life: 3 years





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





# **Specification Sheet**

## **Z-Xtreme 5000T**

### **UL/CSA Acceptances:**

Z-Xtreme 5000T White and Silver with the Image Lock ribbons are UL- and cUL pending for indoor/outdoor use.

### **180° Peel Room Temperature Peel Adhesion (oz/in):**

<b>Steel</b>		<b>Polycarbonate</b>		<b>Polyethylene</b>	
5 min	24 hr	5 min	24 hr	5 min	24 hr
63	83	41	54	26	33

NOTE: For guidance only, not to be used for setting specifications

### **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.

