

Z-Xtreme™ 5000T Silver

	Label	✓
Media Type	Receipt	
	Tag	
	Wristband	
Material Type	Paper	
	Synthetic	✓
Printing	Direct Thermal (no Ribbon Required)	
Technology	Thermal Transfer (Ribbon Required)	✓
	Permanent	✓
Adhesive Type	Removable	
	No Adhesive	
Finish	Matte	✓
	Gloss	

Film Type	Polyethylene	
	Polyolefin	
	Polypropylene	
	Polyester	✓
	Polyimide	
	Cold Temperature	✓
	Deep Freeze	✓
Businestina	High Temperature	
Properties	Ultra High Temperature	
	High Tack	
	Chemical Resistance	Extreme
Environment	Indoor	✓
Environment	Outdoor	✓

Note: Z-Xtreme[™] 5000T Silver must be used in conjunction with Image Lock[™] ribbon to obtain the chemical resistance shown by our tests. It is a two-part solution and other resin ribbons will not print on this material. This material is not suitable for pre-prints.

Additional Features

- Designed to resist the harshest chemicals and solvents such as Xylene and Acetone
- Excellent adhesion to a wide variety of substrates
- Withstands prolonged exposure to high temperatures and solvents
- Enhanced performance and chemical resistance when compare with standard Z-Xtreme™ products
- Tear and water resistant
- UL/cUL approved for electronic equipment and outdoor use, as a label which will last as long as the product

Suggested Applications

- Laboratory labelling and slide labelling to withstand chemical exposure
- Chemical resistant automotive labels to withstand harsh chemicals
- Top-side PCB labelling
- Asset and serial plate labelling



UL and cUL Recognised

UL and cUL approved for use with the following ribbons:

Image Lock



Technical Specifications

	Description		Caliper
Facestock	Matte silver topcoated polyester		76 microns
Adhesive	Permanent acrylic adhesive		24 microns
Liner	White glassine liner		56 microns
		Total	156 microns ±10%

Recommended Zebra Printers: G-Series™, mid-range and high

performance thermal printers

Recommended Zebra Ribbons: Image Lock

Minimum Application Temperature: 10°C

When the label is applied, the environment and surface should be above this temperature

Service Temperature Range: -40°C to 125°C

Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range

Recommended Storage Conditions: 1 year duration when stored at 21°C at 50% RH

Expected Life Span in Application:

Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated

Indoor use, for 1 year+ Outdoor use, for 1 year+



Suggested Ribbons for Applications requiring Chemical Resistance

	Weak				Moderate				Harsh			Extreme					
	Blood	Body Fluid	Salt Water	Water	Window Cleaner	Alcohol	Ammonia	Bleach	IPA	Gasoline	Grease	Oil	Acetone	IR Reflow	MEK	TCE	Xylene
Image Lock	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

[&]quot;\square" indicates acceptable chemical resistance

180º Angle Peel Adhesion at Room Temperature (N/m):

St	eel	Polycai	bonate	Polyethylene			
5 min	24 hr	5 min	24 hr	5 min	24 hr		
693	913	451	594	286	363		

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.

For testing of this material please order sample roll SAMPLE66507.