

## Z-Xtreme™ 4000T Silver

<b>Media Type</b>	Label	✓	<b>Film Type</b>	Polyethylene	
	Receipt			Polyolefin	
	Tag			Polypropylene	
	Wristband			Polyester	✓
				Polyimide	
<b>Material Type</b>	Paper		<b>Properties</b>	Cold Temperature	✓
	Synthetic	✓		Deep Freeze	✓
<b>Printing Technology</b>	Direct Thermal (no Ribbon Required)			High Temperature	✓
	Thermal Transfer (Ribbon Required)	✓		Ultra High Temperature	
<b>Adhesive Type</b>	Permanent	✓		High Tack	
	Removable			Chemical Resistance	<b>Extreme</b>
	No Adhesive				
<b>Finish</b>	Matte	✓	<b>Environment</b>	Indoor	✓
	Gloss			Outdoor	✓

### Additional Features

- Provides extreme chemical and solvent resistance when matched with the correct Zebra ribbon
- Excellent adhesion to a wide variety of substrates
- Withstands prolonged exposure to high temperatures and solvents
- Tear and water resistant
- UL approved for electronic equipment, as a label which will last as long as the product
- BPA free
- Latex free adhesive

### Suggested Applications

- Capital asset tracking labelling
- Component labelling
- Rating plate labelling
- Top-side PCB labelling
- Automotive labelling
- Autoclave and medical device labelling in medical applications
- Chemical drum labelling

## UL Recognised

UL approved for use with the following ribbons:

- 3200
- 3400
- 4800
- 5095
- 5100



## Technical Specifications

	Description	Caliper
<b>Facestock</b>	Matte silver coated polyester	58 microns
<b>Adhesive</b>	Permanent acrylic based adhesive	20 microns
<b>Liner</b>	White glassine liner	52 microns
	<b>Total</b>	<b>130 microns ±10%</b>

**Recommended Zebra Printers:** Desktop, mid-range and high performance thermal printers

**Recommended Zebra Ribbons:** 3400, 3200, 4800, 5095, 5100

**Minimum Application Temperature:** 5°C  
When the label is applied, the environment and surface should be above this temperature

**Service Temperature Range:** -40°C to 150°C  
Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range

**Recommended Storage Conditions:** 6 month duration when stored at 23°C at 50% RH  
Storage of product before use

**Expected Life Span in Application:** Indoor use, for 1 year+  
Outdoor use, for up to 1 year  
Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated

### 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
3200	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
5095	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓					

“✓” indicates acceptable chemical resistance

4800, 3400 and 5100 ribbons will also provide chemical resistance, however requires testing in application

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

Steel		Polycarbonate		Polyethylene	
5 min	24 hr	5 min	24 hr	5 min	24 hr
726	792	704	825	462	594

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

### Facestock Tensile Strength

- Machine direction: 18,000 psi
- Transverse direction: 22,000 psi

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 SAMPLE5434.

Supplies are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: [www.zebra.com/warranty](http://www.zebra.com/warranty).