

Z-Xtreme™ 4000T Silver High-Tack

Media Type	Label	✓	Film Type	Polyethylene	
	Receipt			Polyolefin	
	Tag			Polypropylene	
	Wristband			Polyester	✓
				Polyimide	
Material Type	Paper		Properties	Cold Temperature	✓
	Synthetic	✓		Deep Freeze	✓
Printing Technology	Direct Thermal (no Ribbon Required)			High Temperature	✓
	Thermal Transfer (Ribbon Required)	✓		Ultra High Temperature	
Adhesive Type	Permanent	✓		High Tack	✓
	Removable			Chemical Resistance	Extreme
	No Adhesive				
Finish	Matte	✓	Environment	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 including low surface energy plastic, glass and painted parts
- 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 and CSA Certified

UL and CSA approved for use with the following ribbons:

- 3200
- 3400 (UL only)
- 4800
- 5095
- 5100 (UL only)



Technical Specifications

	Description	Caliper
Facestock	Matte silver coated polyester	58 microns
Adhesive	Permanent rubber adhesive	25 microns
Liner	White glassine liner	53 microns
Total		136 microns $\pm 10\%$

Recommended Zebra Printers:

Desktop, mid-range and high performance thermal printers

Recommended Zebra Ribbons:

3400, 3200, 4800, 5095, 5100

Minimum Application Temperature:

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

5°C

Service Temperature Range:

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

-40°C to 150°C

Recommended Storage Conditions:

Storage of product before use

6 month duration when stored at 23°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 up to 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
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

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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.