

Z-Xtreme™ 4000T White

Media Type	Label	✓	Film Type	Polyethylene		
	Receipt			Polyolefin		
	Tag			Polypropylene		
	Wristband			Polyester	✓	
Material Type	Paper		Properties	Polyimide		
	Synthetic	✓		Cold Temperature	✓	
Printing Technology	Direct Thermal (no Ribbon Required)			Deep Freeze	✓	
	Thermal Transfer (Ribbon Required)	✓		High Temperature	✓	
Adhesive Type	Permanent	✓		Ultra High Temperature		
	Removable			High Tack		
	No Adhesive			Chemical Resistance	Extreme	
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
- 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

- Top-Side PCB labelling
- Capital asset labelling
- Component labelling
- Rating plate labelling
- Automotive labelling
- Medical device labelling
- Chemical drum labelling
- Autoclave labelling in medical applications

UL Recognised

UL approved for use with the following ribbons:

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



Technical Specifications

	Description	Caliper
Facestock	Matte white coated polyester	58 microns
Adhesive	Permanent acrylic adhesive	20 microns
Liner	64gsm white glassine liner	53 microns
	Total	131 microns ±10%

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

Recommended Zebra Ribbons: 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: 1 year duration when stored at 23 at 50% RH
Storage of product before use

Expected Life Span in Application: Indoor use, for 1 year+
Outdoor use, for 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 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
440	572	517	825	275	319

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 SAMPLE5433.