



Specification Sheet

Z-Supreme 4000T

Features:

- Thermal transfer, gloss polyimide label with a high-temp permanent acrylic adhesive
- Excellent smear/scratch resistance
- Unparalleled durability and chemical resistance
- May be used in RoHS compliant (lead-free) wave solder processes for printed circuit boards
- Z-Supreme 4000T White is UL approved when used with 5100 ribbon
- Available in white (65929RM), yellow (66685RM), and blue (66686RM)

Suggested Applications:

- Bottom-side lead-free PCB labeling
- Asset labeling
- Automotive labeling
- Extreme high temperature applications up to 1000°F (see time/temperature chart)

Material Construction:

	Description	Caliper
Facestock	White, yellow, or blue coated polyimide	2.7 mil
Adhesive	High-temperature, acrylic-based	1.7 mil
Liner	50 lb. semi-bleached, kraft stock	3.2 mil
Total		7.6 mil +/- 10%

Temperature Performance:

- Minimum Application Temperature: 50° F (10° C)
- Service Temperature: -40° F to 500° F (-40° C to 260° C)
- Storage Conditions: 32° F to 70° F (0° C to 21° C) at 35% to 50% RH
- Expected Exterior Life: 2 years



Suggested Ribbons for Applications with Chemicals

	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
5100	X	X	X	X	X	X	X	X	X		X	X		X			

Time/Temperature Performance:

Temperature	Time
1000 F (538 C)	5 seconds
662 F (350 C)	2 minutes
626 F (330 C)	5 minutes
500 F (200 C)	2 hours

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.

