



**ZEBRA**

# 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, PMS 127 U), and green (66687RM, PMS 345 C)

## MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	White, yellow, or green coated polyimide	2.7 mil
Adhesive	High-temperature, acrylic-based	1.7 mil
Liner	50 lb. semi-bleached, kraft stock	3.2 mil
<b>TOTAL ± 10%</b>		<b>7.6 mil</b>

## 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 (260 C)	2 hours

## TEMPERATURE PERFORMANCE

Minimum Application Temperature	Service Temperature	Optimal Storage Conditions
50° F (10° C)	-40° F to 500° F (-40° C to 260° C)	72° F (22° C) at 50% RH

**Expected Exterior Life**  
2 years

## CHEMICAL RESISTANCE

Chemical		Suggested Ribbon 5100
Weak	Blood	●
	Body Fluid	●
	Salt Water	●
	Water	●
	Window Cleaner	●
Moderate	Alcohol	●
	Ammonia	●
	Bleach	●
	IPA	●
Harsh	Gasoline	●
	Grease	●
	Oil	●
Extreme	Acetone	NR
	IR Reflow	NR
	MEK	NR
	TCE	NR
	Xylene	NR

● Recommended ● Test in Your Application NR Not Recommended

## SUGGESTED APPLICATIONS

- Bottom-side lead-free PCB labeling



- Product identification



- Automotive labeling



- Extreme high temperature applications up to 1000°F (see time/temperature chart)



All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.

For more information, visit [www.zebra.com/supplies](http://www.zebra.com/supplies)

**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.

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