



ZEBRA

Z-Supreme 2000T

FEATURES

- Thermal transfer, gloss white polyimide label with a high-temp permanent acrylic adhesive
- Excellent smear/scratch resistance
- Excellent durability and chemical resistance
- Z-Supreme 2000T is UL approved when used with 5095 or 5100 ribbon
- May be used in RoHS compliant (lead-free) wave solder processes for printed circuit boards
- Available in 2 mil white with a paper liner (68165RM), 2 mil white with poly liner (68077RM), 1 mil white with a paper liner (68080RM) or 1 mil white with poly liner (68079RM)

MATERIAL CONSTRUCTION (68165RM)

Component	Description	Caliper
Facestock	White coated polyimide	2.8 mil
Adhesive	High-temperature, acrylic-based	1.5 mil
Liner	50 lb. white glassine	2.7 mil
TOTAL ± 10%		7.0 mil

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

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

