



ZEBRA

# Z-Supreme 3000T

## FEATURES

- Thermal transfer, white, matte polyimide label with a high-temp permanent acrylic adhesive
- Excellent smear/scratch resistance
- Unparalleled durability and chemical resistance
- May be used in wave solder processes for printed circuit boards
- Available in white (65080RM)

## MATERIAL CONSTRUCTION

| Component   | Description                       | Caliper |
|-------------|-----------------------------------|---------|
| Facestock   | White, matte coated polyimide     | 2.2 mil |
| Adhesive    | High-temperature, acrylic-based   | 1.2 mil |
| Liner       | 50 lb. semi-bleached, kraft stock | 3.0 mil |
| TOTAL ± 10% |                                   | 6.4 mil |

## Time/Temperature Performance

| Temperature    | Time      |
|----------------|-----------|
| 1000 F (583 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 482° F<br>(-40° C to 250° C) | 72° F (22° C)<br>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 482°F



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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