



Z-Supreme 3000T White

Permanent labels

Thermal Transfer

Description

A matte finished, topcoated, polyimide thermal transfer label stock, developed especially for high temperature applications. This material is coated with a high performance acrylic based adhesive, which provides superior strength and excellent adhesion on a wide variety of substrates. When printed with the recommended thermal transfer ribbons, the product offers excellent resistance to the harsh conditions experienced in high temperature applications.

Suggested Applications

- PCB Manufacturing
- High Heat Applications
- Work In Process
- Product Labelling

Technical Specifications

	Description	Caliper
Facestock	Matt top coated polyimide film	50 microns
Adhesive	Acrylic based adhesive	40 microns
Liner	90 gsm white glassine liner	75 microns
		Total 165 microns

Recommended Zebra printers: mid-range and high-performance thermal transfer printers

Recommended Zebra ribbons: 3200, 4800, 5095

Minimum application temperature: 10 to 25°C

Service temperature range: -40°C to 350°C (short term)

Recommended storage conditions: One year duration when stored at 0°C to 21°C at 35% to 50% RH



Z-Supreme 3000T White continued

Performance Characteristics

Scannability:	Excellent ANSI bar code print quality
Print Quality:	Excellent human readable print quality
Print Durability:	Excellent Crockmeter durability 500 rubs - no print degradation
Recommended Print Speed:	2 ips (50.8 mm/sec)
High Temperature Testing:	Bar code printed labels applied to aluminum panels, tested in a muffle furnace. Five minutes dwell time before heat exposure. ANSI grade B before and after exposure, no visible degradation of printed barcode or facestock.

Maximum Heat Resistance

<i>Temperature</i>	<i>Time</i>
350°C (662°F)	60 seconds
250°C (482°F)	5 minutes
200°C (392°F)	60 minutes

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 SAM66872. Please note that this material replaces 05539RM.