

Z-Supreme™ 4200T Yellow

Media Type	Label	✓	Film Type	Polyethylene		
	Receipt			Polyolefin		
	Tag			Polypropylene		
	Wristband			Polyester		
Material Type	Paper		Properties	Polyimide	✓	
	Synthetic	✓		Cold Temperature	✓	
Printing Technology	Direct Thermal (no Ribbon Required)			Deep Freeze	✓	
	Thermal Transfer (Ribbon Required)	✓		High Temperature	✓	
Adhesive Type	Permanent	✓		Ultra High Temperature	✓	
	Removable			High Tack		
	No Adhesive			Chemical Resistance	Extreme	
Finish	Matte			Environment	Indoor	✓
	Gloss	✓			Outdoor	

Additional Features

- Specifically designed for high temperature and harsh environment applications
- Offers resistance to temperatures as high as 575°C (short term exposure)
- Excellent ANSI barcode print quality
- Suitable to run through printed circuit board (PCB) manufacturing process
- Complies with International Electrochemical Commission IEC 61249-2-21
- Specific chemical resistance for military electronics as tested using Military Standard MIL-STD 202G, Notice 12, Method 215K
- UL approved for electronic equipment, as a label which will last as long as the product
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Suggested Applications

- PCB applications; top and bottom labelling
- Electronic and component labelling
- High temperature industrial manufacturing



UL Recognised

UL approved for use with the following ribbons:

- 5100



Technical Specifications

	Description	Caliper
Facestock	Gloss yellow coated polyimide film	68 microns
Adhesive	Permanent high-performance acrylic adhesive	50 microns
Liner	65gsm white glassine liner	79 microns
	Total	197 microns ±15%

Recommended Zebra Printers: Mid-range and high-performance thermal printers

Recommended Zebra Ribbons: 5095, 5100 and Zebra White Resin Ribbon

Minimum Application Temperature: 20°C
When the label is applied, the environment and surface should be above this temperature

Service Temperature Range: -40°C to 537°C (Short term)
Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range

Recommended Storage Conditions: 1 year duration when stored at 26°C at 60% RH
Storage of product before use

Expected Life Span in Application: Indoor use, 1 year+
Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated

High Temperature Testing: Barcode printed labels applied to aluminium panels and tested in muffle furnace. Five minute adhesive dwell time before heat exposure.
Result: Excellent ANSI grade recorded before and after exposure. No visible degradation of printed barcode or facestock.

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 sample roll SAMPLE68551.