

## Z-Essentials 500T

### Thermal transfer uncoated paper label with a permanent acrylic adhesive

Z-Essentials paper barcode labels are designed for high-volume, mass-market applications and offer exceptional value. Purposefully designed for a wide range of high-volume short-term applications, they are the smarter supply choice. Z-Essentials 500T is a thermal transfer, supercalendered, uncoated paper with acceptable print quality and durability when used with Zebra wax ribbons on recommended Zebra printers. This label is ideal for shipping, product identification, retail pricing, work-in-process labelling and other short-life high-volume applications. The service temperature range of the Z-Essentials 500T is from 0°C to 40°C, with a minimum application temperature of 0°C.



### Print Confident. Print Quality. Print Zebra.

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimised performance. We utilise an ISO 9001-certified, 23-point inspection process and consistent materials to ensure reliable performance from order to order. No matter when you order your labels, you can count on the same consistent performance.

### Value Label and Ribbon Pairing

Z-Essentials 500T labels offer exceptional value when paired with Zebra's 1600 value wax ribbon.

### Customisation Available

Zebra can deliver Z-Essentials 500T labels in just about any size, shape or label set configuration to meet the requirements of your application and process. In addition, our flexographic print presses can add preprinted text, graphics and colour.

**Z-Essentials 500T — Thermal transfer uncoated paper.**

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

# Specifications

## Material Construction

RM Number	10026929RM
Facestock	Matte White Uncoated Thermal Transfer Paper; 60 microns
Adhesive	Permanent Acrylic Adhesive; 10 microns
Liner	60gsm white glassine; 55 microns
Total thickness +/- 10%	130 microns
Environment	Indoor ambient temperatures

## Temperature Performance

Minimum Application Temperature <sup>1</sup>	0°C
Service Temperature Range <sup>2</sup>	0°C to 40°C

## Recommended Printers and Settings

Printers	Any Zebra thermal printer
Ribbons	Compatible with wax ribbon; use Zebra 1600, 2300, 2100 ribbons for optimal performance

## Adhesive Strength

Corrugate	5 min: 3N/25mm; 24 hr: 3N/25mm
Steel	5 min: 15N/25mm; 24 hr: 15N/25mm
Polycarbonate	5 min: 13N/25mm; 24 hr: 15N/25mm
Polyethylene	5 min: 4N/25mm; 24 hr: 6N/25mm

## Regulatory and Compliance

BPA free
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## Product Performance and Suitability

Recommended storage conditions	6 months duration when stored under 20°C at 40% to 50% RH
Expected life span in application <sup>3</sup>	Indoor use, for up to 1 year
Sample Part Number	SAMPLE26929

## Footnotes

1. When the label is applied, the environment and surface should be above this temperature.  
2. Following correct application and appropriate dwell time (usually 24 hrs), the media will withstand this temperature range.  
3. Following correct application and appropriate dwell time (usually 24 hrs), we expect, but do not warrant, a life span as indicated.  
\* Specifications are subject to change without notice.

# Markets and Applications

## Logistics

- Shipping
- Crossdocking

## Retail

- Shipping

## Warehousing

- Shipping
- Picking
- Receiving

## Manufacturing

- Shipping
- Work-in-process
- Product identification

## Transportation

- Shipping

## Other

- e-Commerce shipping labels



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