

## Z-Essentials 1000D

Direct thermal top-coated paper label with a permanent acrylic adhesive

Z-Essentials paper barcode labels are designed for 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 1000D is a direct thermal top-coated paper with a permanent acrylic adhesive offering good adhesion on a variety of surfaces. The top-coating of this material provides some resistance to abrasion, moisture and other environmental factors, making it ideal for shipping, product identification, retail pricing, work-in-process labelling and other short-life high-volume applications. Z-Essentials 1000D is completely BPA free and has a service temperature range of 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.

### Specially Coated for Trouble-Free Print

Z-Essentials 1000D labels feature a protective topcoat on the facestock that provides additional durability for the printed image and some resistance to abrasion, moisture and other environmental factors. This means that the labels can better withstand a variety of environments and will remain scannable for a longer period compared to uncoated labels. The labels also provide good print quality and sharper image definition.

### Customisation Available

Zebra can deliver Z-Essentials 1000D 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 1000D — Direct thermal top-coated paper with good print quality and definition and some resistance to moisture, oils and other environmental factors.**

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

# Specifications

# Markets and Applications

## Material Construction

RM Number	10026928RM
Facestock	Matte White Coated Direct Thermal Paper; 72 microns
Adhesive	Permanent Acrylic Adhesive; 10 microns
Liner	60gsm white glassine; 55 microns
Total thickness +/- 10%	140 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	N/A

## 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 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	SAMPLE26928D

## Footnotes

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

- Shipping
- Crossdocking

### Retail

- Shipping

### Warehousing

- Shipping
- Picking
- Receiving

### Manufacturing

- Shipping
- Work-in-process
- Product identification

### Transportation

- Shipping

### Other

- e-Commerce shipping labels