

# Z-Select 2000D Label

## Direct thermal label with a permanent rubber adhesive

Whether you are printing shipping, picking and receiving labels in a warehouse, or product or pricing labels, you need reliable, high-quality printing. Zebra's direct thermal Z-Select 2000D label provides just that. Designed with reliability and print quality in mind, the Z-Select 2000D features a protective topcoat, offering improved printhead life and resistance to moisture, oils and other environmental factors. Featuring a permanent, low temperature adhesive, Z-Select 2000D provides consistent quality so you can count on optimized performance – with each and every label. Z-Select 2000D labels are recommended for a wide variety of labelling applications and surfaces.



### **Specially coated for trouble-free printing**

Z-Select 2000D labels feature a protective topcoat for ultra-smooth printing that preserves the printhead of your printer. You also get excellent print quality and sharp definition. And the coating offers enhanced resistance to moisture, oils and other environmental factors to increase the durability of your labels.

### **Direct Thermal Material**

Z-Select 2000D is a direct thermal material, meaning no ribbon is required for printing and so only one stock item is required.

### **Optimized for use with food products and in cold environments**

With its all-temperature permanent rubber adhesive, these labels can be securely applied in temperatures as low as 0° C and will remain adhered in temperatures up from -40°C up to 50°C, making them perfect for use on assets in cold environments. The adhesive complies with European food regulation EC 1935/20004, EU 10/2011 and BfR Recommendation XXI for direct contact with dry and moist non-fatty foodstuffs. It also meets FDA 175.105 for direct contact with dry foodstuffs.

### **Zebra ZipShip – on the shelf and ready to ship**

Need your label in a hurry? Z-Select 2000D labels are part of our Zebra ZipShip program— on the shelf and ready for immediate dispatch. You get fast shipment - and the minimum order is just one box.

### **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, optimized performance. We utilize 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.

**Z-Select 2000D Label – delivers high-quality print, with an all-temp permanent adhesive for labeling in cold environments.**

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

# Specifications

## Material Construction

Raw Material Number	05311RM
Facestock	Matte white topcoated thermal imaging paper 81 microns
Adhesive	Permanent rubber adhesive 13 microns
Liner	62gsm glassine liner 51 microns
Total Thickness (+/-10%)	145 microns ± 10%
Environment	Indoor

## Temperature Performance

Minimum Application Temperature <sup>1</sup>	0°C
Service Temperature Range <sup>2</sup>	-40°C to 50°C

## Recommended Printers and Ribbons

Printers	Mobile, desktop, mid-range and high-performance thermal printers
Ribbons	N/A

## Adhesive Strength

Corrugate	No Data available
Steel	No Data available
Polycarbonate	No Data available
Polyethylene	No Data available

## Chemical Resistance

Weak Chemicals	
Blood	Test in your application
Body Fluid	Test in your application
Salt Water	Test in your application
Water	Test in your application
Window Cleaner	Test in your application
Moderate Chemicals	
Alcohol	Not recommended
Ammonia	Not recommended
Bleach	Not recommended
IPA	Not recommended

## UL/cUL Certified Materials with this Ribbon

N/A - No ribbon needed

## Regulatory and Compliance

EC 1935/2004, EU 10/2011 and BfR Recommendation XIV for direct contact with dry and moist, non-fatty foodstuffs; FDA 175.105 for direct contact with dry foodstuffs, or alternatively separated by a functional barrier; BPA and latex free

## Product Performance and Suitability

Recommended storage conditions	6 month duration when stored at 20°C to 25°C at 40% to 50% RH
Expected life span in application <sup>3</sup>	Indoor use for up to 1 year
Sample Part Number	SAMPLE5311/SAMPLE5311-D

## Material Testing in End Application

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.

## Warranty

Supplies are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit [www.zebra.com/warranty](http://www.zebra.com/warranty)

## 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 24hrs) the media will withstand this temperature range.
3. Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated.

## Markets and Applications

### Logistics

- Labeling of packaging materials, e.g. boxes and pallets

### Warehousing

- Shipping labels
- Picking labels
- Receiving labels

### Retail

- Shelf edge labels
- Product labels
- Price labels

### Healthcare

- Sterile services labels

### Manufacturing

- Work-in-progress labels

### Other

- Product identification labels

## Chemical Resistance

Harsh Chemicals	
Gasoline	Not recommended
Grease	Not recommended
Oil	Not recommended
Extreme Chemicals	
Acetone	Not recommended
IR Reflow	Not recommended
MEK	Not recommended
TCE	Not recommended
Xylene	Not recommended

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