

Z-Perform 2000D Label

Direct thermal smooth paper label with a permanent acrylic adhesive

Whether you are printing shipping labels for e-commerce or labeling food products, you need reliable, high-quality trouble-free printing. And Zebra's Z-Perform 2000D label delivers. This direct thermal white paper label is engineered for quality and durability at an economical price. It's all-temperature permanent acrylic adhesive can be applied to surfaces as cold as -40°F/-40° C and meets FDA 175.105 for indirect food contact requirements. Its protective topcoat delivers optimal print quality when printing up to 8 inches per second, while ensuring minimal printhead wear. And with Zebra's legacy of craftsmanship and durability, you can count on optimized performance – with each and every label. Z-Perform 2000D labels are recommended for a wide variety of labeling applications.



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.

Specially coated for trouble-free print

Z-Perform 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.

Optimized for use with food products and in cold environments

With its all-temperature permanent acrylic adhesive, these labels can be securely applied in temperatures as low as -40°F/-40° C and will remain adhered in temperatures of -65°F to 131°F/-54°C to 55°C, making them perfect for use on assets in cold environments. The adhesive meets FDA 175.105 for indirect food contact and can be applied to shrink wrap and other food packaging.

Zebra ZipShip – on the shelf and ready to ship

Need your labels in a hurry? Z-Perform 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.

Customization Available

Zebra can deliver Z-Perform 2000D 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 pre-printed text, graphics and color.

Z-Perform 2000D Label – economical label delivering high-quality print, with an all-temp permanent adhesive to meet labeling in cold environments.

Specifications

Markets and Applications

Material Construction

Raw Material Number	65791RM
Facestock	Direct thermal white smooth coated paper 3.0 mil/76.2 microns
Adhesive	All-temp, acrylic adhesive 0.5 mil/12.7 microns
Liner	40 lb/59 gsm semi-bleached kraft stock 2.5 mil/63.5 microns
Total Thickness (+/-10%)	6.0 mil/152.4 microns
Environment	Indoor use; cold temperature compatible

Regulatory and Compliance

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	1 year duration when stored at 72° F/22° C at 50% RH
Expected life span in application ⁴	Indoor use, for 1 year+
Sample Part Number	SAM65791

Warehousing

- Compliance labeling
- Shipping labeling

Manufacturing

- Product identification
- Work-in-process

Other

- Standard box labeling

Temperature Performance

Minimum Application Temperature ¹	-40° F/-40°C
Service Temperature Range ²	-65° F to 131° F/-54° C to 55° C

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.

Recommended Printers and Ribbons

Printers	Direct thermal printer; use Zebra desktop, industrial and mobile thermal printers for optimal performance
Ribbons	N/A

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

Adhesive Strength

Corrugate	5 minute dwell time: 17 oz/in.
	24 hour dwell time: 18 oz/in.
Steel	5 minute dwell time: 49 oz/in.
	24 hour dwell time ³
Polycarbonate	5 minute dwell time: 57 oz/in.
	24 hour dwell time ³
Polyethylene	5 minute dwell time: 26 oz/in.
	24 hour dwell time: 46 oz/in.

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. Attraction between adhesive and surface is so great that the facestock rips.
4. Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated.

Chemical Resistance

Weak Chemicals	
Blood	Not Recommended
Body Fluid	Not Recommended
Salt Water	Test in your application
Water	Test in your application
Window Cleaner	Not Recommended
Moderate Chemicals	

Chemical Resistance

Alcohol	Not recommended
Ammonia	Not recommended
Bleach	Not recommended
IPA	Not recommended
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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