

8000D Lab

High-quality labeling in laboratory environments, particularly for specimen collection

The Zebra 8000D Lab label is tailored for laboratory environments, emphasizing precision and reliability. It is a direct thermal, premium, ultra-smooth paper label equipped with a high-tack permanent acrylic adhesive, ensuring excellent print quality and strong adhesion even on curved surfaces, thanks to its excellent mandrel hold. This makes it ideal for accurately labeling specimen collections. The labels are designed to withstand harsh conditions such as chemical exposure, temperature changes, and humidity, remaining smudge-free and readable over time. Additionally, they meet FDA 175.105 requirements for indirect food contact, broadening their applicability in labs that handle various types of samples. The glove-friendly adhesive further enhances usability in laboratory settings, where quick and efficient application is necessary.



Compatible with Zebra printers

The 8000D Lab labels integrate smoothly into lab workflows, enhancing operational efficiency and ensuring organized specimen management and documentation.

High-quality labeling in laboratory environments

Essential in laboratories to ensure the accuracy, efficiency, and safety of scientific and medical processes. The Zebra 8000D lab meets these demands with its excellent print quality, enabling precise identification and tracking of specimens and equipment, thus preventing errors and maintaining data integrity.

Customization Available

Zebra can deliver 8000D Lab 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.

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.

8000D Lab — Direct thermal, paper label with a high-tack permanent acrylic adhesive

For more information visit www.zebra.com/supplies

Specifications

Material Construction	
RM Number	05663RM
Facestock	White smooth topcoated paper; 3.1 mils
Adhesive	All-temp, acrylic-based; 0.7 mils
Liner	40 lb. semi-bleached, kraft stock; 2.5 mils
Total Thickness (+/- 10%)	6.3 mils
Environment	Not recommended for outdoor use
Temperature Performance	
Minimum Application Temperature ¹	32°F / 0°C
Service Temperature Range ²	-75° F to 120° F / -59° C to 49° C
Adhesive Strength	
Corrugate	5 minute dwell time: 38 oz/in 24 hour dwell time: 41 oz/in
Stainless Steel	5 minute dwell time: 60 oz/in 24 hour dwell time: 70 oz/in
Polyethylene	5 minute dwell time: 52 oz/in 24 hour dwell time: 62 oz/in
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
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
Regulatory and Compliance	
UL approval and compatibility with RoHS compliant processes ensure that your labeling solutions meet the necessary regulatory/safety requirements, offering peace of mind and assurance of quality. BPA and latex free	
Product Performance & Suitability	
Recommended Storage Conditions	72°F / 22°C at 50% RH
Expected Life Span in Application	Not recommended for outdoor use
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. *All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.	

Markets and Applications

- Labeling of curved surfaces, such as:
Test tubes, Vials, Syringes



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