

8000D Dissolvable High-Temp

High-temperature direct thermal paper that dissolves from surfaces

Ensuring easy and reliable identification of prepared foods is critical to ensure proper handling, which enables you to meet health department standards and reduces the risk of food-borne illnesses. Preparing hot foods necessitates the use of heat lamps or other heat sources, so using labels that are resistant to high temperatures is important. Proper removal of the labels is also important and challenging. Label debris can clog drains and make dishwashers unusable, wreaking havoc on your operations, resulting in costly service calls. Zebra's 8000D Dissolvable High-Temp label was designed with these things in mind. It is a direct thermal label, requiring no ribbon. It features a specialty acrylic adhesive that loses its structure, removing cleanly from the surface, and a facestock that disperses into tiny fibers, when subjected to running water. It is resistant to temperatures up to 140°F, so it will remain readable when exposed to heat lamps.



Designed to dissolve under running water

The 8000D Dissolvable High-Temp Label has been designed to disperse into small paper fibers, while the adhesive dissolves away from most surfaces when subjected to running water, washing cleanly down the drain and leaving no trace of the label.* Enables you to easily comply with health department requirements that labels must be fully removed from containers to inhibit bacterial growth.

Reliable readability when exposed to heat lamps

This label is resistant to temperatures up to 140°F. When the label is applied to a food container placed under a heat lamp, the label will not discolor and the print will remain readable, ensuring staff has clear visibility to critical information such as expiration dates of food.

Direct thermal material

Zebra's 8000D Dissolvable label is an innovative direct thermal material that does not require the use of a ribbon to create an image. This means associates can easily print labels as they do not need to install a ribbon to print a durable image, and no need to inventory two supplies to create labels.

Print Confident, Print Quality with Zebra Certified Supplies

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 quality inspection to ensure consistent quality. No matter when you order your labels, you can count on the same great performance.

*Time to dissolve varies based on water temperature and pressure

Reliably identify prepared foods with the easily removable 8000D Dissolvable High-Temp label.
For more information, please visit www.zebra.com/barcodesupplies

Specifications

Material Construction	
Raw Material Number	10035963RM
Facestock	Direct thermal dispersible paper 76 microns
Adhesive	Acrylic based specialty adhesive 18 microns
Liner	40 lb. semi-bleached, kraft stock 64 microns
Total Thickness (+/- 10%)	158 microns
Environment	Indoor use
Temperature Performance	
Minimum Application Temperature*	21°F / -6°C
Service Temperature Range	-40° F to 140° F/-40° C to 60° C
Recommended Printers and Ribbons	
Ribbons	N/A
Printers	Direct thermal printer; use Zebra desktop mid-range and high performance thermal printers for optimal performance
Adhesive Strength	
Peel adhesion on surfaces	
Glass	Facestock tears upon removal
Stainless steel	1.9 lbs./in. to tear (facestock tears upon removal)
HDPE	0.54 lbs./in.
Chemical Resistance	
Weak Chemicals	
Blood	Not Recommended
Body Fluid	Not Recommended
Salt Water	Not Recommended
Water	Not Recommended
Window Cleaner	Not Recommended
Moderate Chemicals	
Alcohol	Not Recommended
Ammonia	Not Recommended
Bleach	Not Recommended
IPA	Not Recommended
Harsh Chemicals	
Gasoline	Not Recommended
Grease	Not Recommended

Extreme Chemicals	
Acetone	Not Recommended
IR Reflow	Not Recommended
MEK	Not Recommended
TCE	Not Recommended
Xylene	Not Recommended
Regulatory and Compliance	
Meets FDA 175.105 for indirect food contact	
Product Performance & Suitability	
Recommended storage conditions	6 months when stored at 72°F / 22°C at 50% RH
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 6 (six) months from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty .	

Markets and Applications

Hospitality

- Quick Service Restaurants and hot food labeling
- Food traceability
- Labeling reusable containers



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