

8000T Blood Bag Deep Freeze Label

Deep Freeze Blood Bag Label

Throughout the journey of blood from donation to the final transfusion, it is vital to ensure barcode labels are readable and adhered to be confident that the right blood ends up with the right patient, at the right time. Designed to maintain adhesion and readability down to -50°C , the 8000T Blood Bag Deep Freeze label is ideal for identifying blood stored in a freezer prior to transportation and usage. The 8000T Blood Bag Deep Freeze features a permanent acrylic adhesive, specially formulated to not seep through the blood bag to contaminate the blood, has been tested according to ISO 3826-1 with no adhesive migration found, and ISO 10993-5 with no genotoxicity effect observed.



Resistant Down to -50°C

The 8000T Blood Bag Deep Freeze label has been specifically designed to withstand temperatures down to -50°C , maintaining adhesion and ensuring critical information such as barcodes and donor/patient information is clearly readable.

Suitable for Direct Contact With Blood Bags

The permanent acrylic adhesive and matte white polyethylene material is suitable for use on blood bags. The adhesive has been tested according to ISO 3826-1 with no migration of adhesive into the blood found.

Further analysis has been conducted according to ISO 10993-5 cytotoxicity testing which concluded no genotoxicity effect observed, clearing the required ISO 10993-5 status for blood bag application.

Excellent Print Quality

When paired with Zebra's wax and wax/resin ribbons, the 8000T Blood Bag Deep Freeze provides excellent print quality and durability.

Count on Consistently Exceptional Performance

A barcode that fails to scan jeopardizes patient safety and staff productivity. 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. You get optimum image durability and scanning performance—ensuring first-scan readability even for narrow barcodes.

Reliably identify blood bags with the 8000T Blood Bag Deep Freeze.
For more information, please visit www.zebra.com/barcodesupplies

Specifications

Material Construction	
Raw Material Number	10035946RM
Facestock	Matte white Polyethylene (110 µm)
Adhesive	Permanent acrylic adhesive (21 µm)
Liner	59gsm glassine liner (53 µm)
Total Thickness (+/-10%)	184 µm
Environment	Blood Bag Labelling
Temperature Performance	
Minimum Application Temperature	-4°F/-20°C
Service Temperature Range	-58°F to 176°F/-50°C to 80°C
Recommended Printers and Ribbons	
Printers	Thermal transfer printer (ribbon required); use Zebra desktop, mid-range and high-performance thermal printers for optimal performance
Ribbons	Compatible with wax/resin and resin ribbons; use Zebra 3400, 3200, 4800, 5095 ribbons for optimal performance
Chemical Resistance	
Weak Chemicals	
Blood	3200, 3400, 4800, 5095: Recommended
Body Fluid	3200, 3400, 4800, 5095: Recommended
Salt Water	3200, 3400, 4800, 5095: Recommended
Water	3200, 3400, 4800, 5095: Recommended
Window Cleaner	3200, 3400, 4800, 5095: Recommended
Moderate Chemicals	
Alcohol	3200, 3400, 4800, 5095: Recommended
Ammonia	N/A
Bleach	N/A
IPA	3200, 3400, 4800, 5095: Recommended
Regulatory and Compliance	
The adhesive complies with the European food directives and legislations and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used for indirect contact with foodstuffs. The migration of the adhesive on blood bags has been tested according to ISO 3826-1, with no migration identified. ISO 10993-5 cytotoxicity testing concluded no relevant genotoxicity effect was observed; BPA and latex free	
Product Performance and Suitability	
Recommended storage conditions	1 year duration when stored at 68°F to 77°F/20°C to 25°C at 40 to 50% RH
Expected life span in application	Indoor use: for 1 year+

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. All products should be pre-tested to ensure they meet all intended requirements of specific end-use applications.
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: zebra.com/warranty

Markets and Applications

Healthcare

- Blood Bag Labelling



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