

8000T Blood Bag

Media Type	Label	✓	Film Type	Polyethylene	
	Receipt			Polyolefin	
	Tag			Polypropylene	✓
	Wristband			Polyester	
Material Type	Paper			Polyimide	
	Synthetic	✓	Properties	Cold Temperature	✓
Printing Technology	Direct Thermal (no Ribbon Required)			Deep Freeze	✓
	Thermal Transfer (Ribbon Required)	✓		High Temperature	
Adhesive Type	Permanent	✓		Ultra High Temperature	
	Removable			High Tack	
	No Adhesive			Chemical Resistance	Harsh
Finish	Matte	✓	Environment	Indoor	✓
	Gloss			Outdoor	

Note: 8000T Blood Bag is only suitable as a secondary label to be applied to the manufacturer's label on the blood bag. It is not approved for direct application onto a blood bag.

Additional Features

- Complies with ISBT128 standard for the identification of blood products when used in conjunctions with Zebra printers
- Meets FDA Guidelines for Uniform Labelling of Blood and Blood Components
- Adhesive complies with FDA 175.105 for indirect contact with food additives, therefore label must be separated by a functional barrier
- Tear and water resistant
- BPA free
- Latex free adhesive

Suggested Applications

- Secondary blood bag marking
- IV bag labelling
- Blood component labelling
- Medical labelling
- Chemical, medical, food and drug labelling

Technical Specifications

	Description	Caliper
Facestock	Matte white topcoated polypropylene	94 microns
Adhesive	Permanent acrylic adhesive	26 microns
Liner	62gsm semi-bleached kraft liner	77 microns
	Total	197 microns ±10%

Recommended Zebra Printers: Desktop, mid-range and high performance thermal printers

Recommended Zebra Ribbons: 3200, 4800, 5095

Minimum Application Temperature: 7°C
When the label is applied, the environment and surface should be above this temperature

Service Temperature Range: -54°C to 120°C
Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range

Recommended Storage Conditions: 1 year duration when stored at 22°C at 50% RH
Storage of product before use

Expected Life Span in Application: Indoor use, 1 year+
Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated

Suggested Ribbons for Applications requiring Chemical Resistance

	Weak					Moderate				Harsh			Extreme				
	Blood	Body Fluid	Salt Water	Water	Window Cleaner	Alcohol	Ammonia	Bleach	IPA	Gasoline	Grease	Oil	Acetone	IR Reflow	MEK	TCE	Xylene
3200	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					

“✓” indicates acceptable chemical resistance

4800 and 5095 ribbons will also provide chemical resistance, however requires testing in application

180° Angle Peel Adhesion at Room Temperature (N/m):

Steel		Polycarbonate		Polyethylene	
5 min	24 hr	5 min	24 hr	5 min	24 hr
726	825	671	803	264	286

Note: For guidance only, not to be used for setting specifications

Product Performance and Suitability

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.

For testing of this material, please order SAMPLE5300.