

## 8000T Primary Blood Bag

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

### Additional Features

- Good low temperature performance
- Designed to meet the requirements of the blood bag labelling process and is suitable for direct applications onto blood bags.
- Adhesive complies with DIN ISO 3826 for blood bag labelling.
- Adhesive complies with European food regulation EC 1935/2004, EU 10/2011 and BfR Recommendation XIV for direct contact with dry, moist and non-fatty foodstuffs.
- Adhesive also complies with FDA 175.105 for direct contact with dry foodstuffs, or alternatively separated by a functional barrier

### Suggested Applications

- Primary blood bag labelling
- Healthcare labelling applications with a low migration adhesive requirement

### Technical Specifications

|           | Description                        | Caliper          |
|-----------|------------------------------------|------------------|
| Facestock | Matte white topcoated polyethylene | 110 microns      |
| Adhesive  | Permanent rubber adhesive          | 23 microns       |
| Liner     | 57gsm glassine liner               | 51 microns       |
| Total     |                                    | 184 microns ±10% |

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

**Recommended Zebra Ribbons:** 3200, 4800, 5095

**Minimum Application Temperature:** 0°C  
When the label is applied, the environment and surface should be above this temperature

**Service Temperature Range:** -40°C to 70°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 0°C to 21°C at 35% to 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

## **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 SAMPLE5246.

## **Zebra Blood Bag Testing Confirmation**

### **Material reference: 8000T Primary Blood Bag**

The above material has been recommended for use on blood bags and has been tested for suitability in this application. It has been tested by ISEGA in Germany for compliance. ISEGA is an accredited product certification institute for materials and articles intended to come into contact with foodstuffs as well as medical products. The supplier has issued the following statement:

### **Statement: ISEGA – Blood Bag Adhesive**

We declare that our adhesive has been tested by the certified laboratory ISEGA GmbH, Aschaffenburg, Germany and received a certificate of compliance.

“The adhesive has been tested in according to DIN ISO 3826 „Migrationsverhalten “ and complies with the 1935/2004/EC, the LFGB and also to the BedGgstV. The adhesive may be used safely for the reverse coating of labels which are intended to be applied on blood bags”.

Please contact us if you have any further queries or questions in relations to this document.