

8000T Lab Resist

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	Extreme
Finish	Matte			Environment	Indoor
	Gloss	✓	Outdoor		✓

Note: **8000T Lab Resist must be used in conjunction with Zebra's Image Lock™ ribbon to obtain the chemical resistance shown by our tests.** It is a two part solution and other resin ribbons will not print on this material.

Additional Features

- Designed to resist the harshest chemicals and solvents such as Xylene and Acetone
- Withstands prolonged exposure to solvents
- Enhanced performance and chemical resistance when compared with standard Z-Xtreme™ 5000T
- Tear and water resistant
- Ideal for labelling of slides for use in staining protocols e.g. H&E staining

Suggested Applications

- Laboratory labelling and slide labelling to withstand chemical exposure
- Patient sample identification for storage of samples

Technical Specifications

	Description	Caliper
Facestock	Gloss white topcoated polyester	50 microns
Adhesive	Permanent acrylic adhesive	23 microns
Liner	White glassine liner	56 microns
	Total	130 microns ±10%

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

Recommended Zebra Ribbons: Image Lock™

Minimum Application Temperature: 2°C
When the label is applied, the environment and surface should be above this temperature

Service Temperature Range: -40°C to 150°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 21°C at 50% RH
Storage of product before use

Expected Life Span in Application: Indoor use, for 1 year+
Outdoor use, for 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

	Water	Alcohol	Xylene	Haematoxylin	Eosin
Image Lock	✓	✓	✓	✓	✓

“✓” indicates acceptable chemical resistance



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 sample roll SAMPLE27359.