



## Z-Ultimate® 3000T White

# Permanent labels

## Thermal Transfer

### Description

A top coated white gloss polyester thermal transfer label stock with excellent print quality. Coated specially for use with Zebra 4800, 5095 and 5100 resin thermal transfer ribbons to produce outstanding print quality and image durability. High-strength acrylic adhesive offers superior strength and adhesion for a wide variety of surfaces. Unparalleled smear/scratch resistance for a thermal transfer label.

Note: Z-Ultimate 3000T White is not to be used for fanfold applications.

### Suggested Applications

- Labels exposed to acid or alkali solutions; top-side printed circuit board applications
- Water-immersed labels.
- Labels in contact with moving parts or friction conveyor drives
- On site, on-demand printing of UL Type R Listing marks
- Durable asset tracking labels
- UL and CSA compliance labelling
- Serial plate labelling
- Autoclave labelling in medical applications

### Technical Specifications

	Description	Caliper
Facestock	White gloss coated polyester	50 microns
Adhesive	Permanent acrylic based adhesive	20 microns
Liner	65gsm White Glassine Liner	56 microns
	Total	126 microns

**Recommended Zebra printers:** desktop, mid-range and high-performance thermal transfer printers

**Recommended Zebra ribbons:** 4800, 5095, 5100

**Minimum application temperature:** 10°C

**Service temperature range:** -40°C to 150°C

**Recommended storage conditions:** One year duration when stored at approx 20C 50% RH

**Expected exterior life:** three years



## Z-Ultimate® 3000T White continued

### Suggested Ribbons for Applications with Chemicals

	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
<b>4800</b>	X	X	X	X	X	X	X	X	X		X	X					
<b>5095</b>	X	X	X	X	X	X	X	X	X		X	X					
<b>5100</b>	X	X	X	X	X	X	X	X	X	X	X	X					

### UL/CSA Acceptances:

Z-Ultimate 3000T White, when matched with 4800, 5095 and 5100 ribbons is UL-recognized and CSA-accepted for indoor/outdoor use.

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

Steel		Polycarbonate		Polyethylene	
5 min	24 hr	5 min	24 hr	5 min	24 hr
561	671	407	517	44	66

### Facestock Tensile Strength:

- Machine direction: 18,000 psi
- Transverse direction: 22,000 psi

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 SAM5164.