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# Specification Sheet

## Z-Ultimate 2000T

### Features:

- Thermal transfer, gloss polyester label with a high-performance permanent acrylic adhesive
- Unparalleled smear/scratch resistance
- Excellent durability and chemical resistance
- Topcoating is suitable for fanfolding
- Available in white (68130RM)

### Suggested Applications:

- UL compliance product labeling
- Top-side PCB labeling
- Asset labeling
- Automotive labeling
- Serial plate labeling

### Material Construction:

	Description	Caliper
Facestock	White coated polyester	2.0 mil
Adhesive	Permanent, acrylic-based	0.8 mil
Liner	50 lb. semi-bleached, kraft stock	3.0 mil
<b>Total</b>		<b>5.8 mil +/- 10%</b>

### Temperature Performance:

- Minimum Application Temperature: 50° F (10° C)
- Service Temperature: -40° F to 302° F (-40° C to 150° C)
- Storage Conditions: 32° F to 70° F (0° C to 21° C) at 35% to 50% RH
- Expected Exterior Life: 3 years

### 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>5095</b>	X	X	X	X	X		X	X	X		X						
<b>5100</b>	X	X	X	X	X	X	X	X	X		X						

### UL Acceptances:

Z-Ultimate 2000T White with 5095 and 5100 ribbons is UL-recognized for indoor use.

### 180° Peel Room Temperature Peel Adhesion (oz/in):

<i>Stainless Steel</i>		<i>Polycarbonate</i>		<i>Polyethylene</i>	
5 min	24 hr	5 min	24 hr	5 min	24 hr
27	30	38	48	15	16

### 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.