

## 8000T Ultra Tuff 240 Tag

<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 (no Ribbon Required)			Deep Freeze	✓
	Thermal Transfer (Ribbon Required)	✓		High Temperature	
<b>Adhesive Type</b>	Permanent			Ultra High Temperature	
	Removable			High Tack	
	No Adhesive	✓		Chemical Resistance	<b>Harsh</b>
<b>Finish</b>	Matte	✓	<b>Environment</b>	Indoor	✓
	Gloss			Outdoor	✓

### Additional Features

- Multi-layer, cross laminate structure for excellent tear resistance, will resist tearing even when cut or nicked
- Wide temperature range
- Resistant to many solvents as well as alcohol, mild cleaners and blood
- Especially good for tags with hanging holes
- Weather resistant for up to 1 year
- BPA free
- Latex free

### Suggested Applications

- Outdoor storage tags for construction materials, wire, cable and fabricated parts
- Self-locking tags for horticultural, greenhouse and nursery use
- Staple-on lumber tags for indoor and outdoor use
- Suitable for use in place of metal grommets
- Steel parts tagging

## Technical Specifications

	Description	Caliper
Facestock	White matte smooth topcoated polyethylene	249 microns
	Total	249 microns ±10%

**Recommended Zebra Printers:** Mid-range and high-performance thermal printers

**Recommended Zebra Ribbons:** 3200, 3400, 4800 ( and 5095 on high performance Xi series printers only)

**Minimum Application Temperature:** N/A  
When the label is applied, the environment and surface should be above this temperature

**Service Temperature Range:** -57°C to +82°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 approx. 22°C  
Storage of product before use 50% RH

**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 Outdoor use, up to 1 year

## 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

3400, 4800, 5095 ribbons will also provide chemical resistance, however require testing in application

### Relative Strength Information

Product	Strength
8000T Tuff 190 Tag	✓
8000T Extra Tuff 180 Tag	✓✓
8000T Ultra Tuff 240 Tag	✓✓✓
PolyPro 4000T 216 Tag	✓✓✓✓
Z-Ultimate 4000T 175 Tag	✓✓✓✓✓

### Facestock Tensile Strength

- Machine direction: 47 lbs/in

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 SAMPLE5021.