

PolyPro™ 4000T 216 Tag

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

Additional Features

- Matte coated bi-axially orientated polypropylene tag
- Excellent ink receptivity
- Specially designed for use with Zebra 3200 ribbon to produce outstanding print quality
- Tear and water resistant
- Durable and UV resistant
- BPA free
- Latex free

Suggested Applications

- Self-locking tags for greenhouses and nursery use
- Outdoor storage tags for wire, cable and fabricated parts
- Visitor passes
- Tagging of museum artefacts and art objects
- Swimming pool passes and identification tags

Technical Specifications

	Description	Caliper
Facestock	Matte white topcoated polypropylene tag	211 microns
	Total	211 microns ±10%

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

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

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

Service Temperature Range: -40°C to 93°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 22°C, at 50% RH
Storage of product before use

Expected Life Span in Application: Indoor use, up to 1 year
Outdoor use, up to 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

4800 and 5095 ribbon will also provide chemical resistance, however requires 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: 54 lbs/in
- Cross direction: 160 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 SAMPLE5127.