



ZEBRA

# Z-Ultimate 4000T

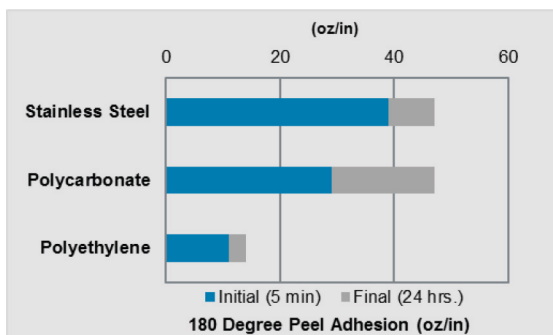
## FEATURES

- Thermal transfer, gloss polyester label with a high-performance permanent acrylic adhesive
- Unparalleled smear/scratch resistance
- Excellent durability and chemical resistance
- Resistance to repeated freeze and thaw cycles
- Topcoating is suitable for fanfolding
- Meets FDA 175.105 for indirect food contact requirements
- Available in white (05219RM), silver (05571RM), clear (05061RM)

## MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	White, silver, or clear coated polyester	2.0 mil
Adhesive	Permanent, acrylic-based	0.8 mil
Liner	50 lb. semi-bleached, kraft stock	3.0 mil
TOTAL ± 10%		5.8 mil

## ADHESIVE STRENGTH



## TEMPERATURE PERFORMANCE

Minimum Application Temperature	Service Temperature	Optimal Storage Conditions
50° F (10° C)	-40° F to 302° F -40° C to 150° C	72° F (22° C) at 50% RH

### Expected Exterior Life

3 years

## CHEMICAL RESISTANCE

		Suggested Ribbon		
		6200	5095	5100
Weak	Blood	●	●	●
	Body Fluid	●	●	●
	Salt Water	●	●	●
	Water	●	●	●
	Window Cleaner	●	●	●
Moderate	Alcohol	●	●	●
	Ammonia	●	●	●
	Bleach	●	●	●
	IPA	●	●	●
Harsh	Gasoline	●	●	●
	Grease	●	●	●
	Oil	●	●	●
Extreme	Acetone	NR	NR	NR
	IR Reflow	NR	NR	NR
	MEK	NR	NR	NR
	TCE	NR	NR	NR
	Xylene	NR	NR	NR

● Recommended ● Test in Your Application NR Not Recommended

## SUGGESTED APPLICATIONS

- UL/CSA compliance product labeling



- Top-side PCB labeling



- Product identification



- Automotive labeling



All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.

**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.

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# Z-Ultimate 4000T

## UL AND CSA ACCEPTANCE

Z-Ultimate 4000T White and Silver with 5095 and 5100 ribbons is UL-recognized and CSA-accepted for indoor/outdoor use.

Z Ultimate 4000T Clear does not have UL-recognition or CSA-approval.

## FACESTOCK TENSILE STRENGTH

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

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