



ZEBRA

# 8000T ESD Gloss

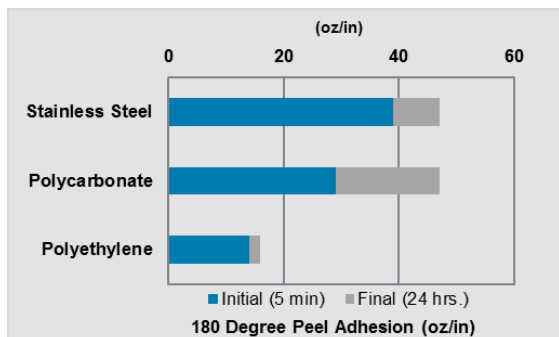
## FEATURES

- Thermal transfer, gloss polyester electrostatic dissipative label with a high-temp permanent acrylic adhesive
- Classified as static dissipative per the ESD S11.11 Surface Resistance Test.
- Unparalleled smear/scratch resistance
- Good durability and chemical resistance
- Topcoating is suitable for fanfolding
- Available in white (05076RM)

## MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	White coated polyester	2.0 mil
Adhesive	Permanent, acrylic-based	0.9 mil
Liner	50 lb. semi-bleached, kraft stock	3.2 mil
<b>TOTAL ± 10%</b>		<b>6.1 mil</b>

## 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 year

## SUGGESTED APPLICATIONS

- Printed Circuit Board Applications (top side), and electronic component labeling



## CHEMICAL RESISTANCE

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

● Recommended ● Test in Your Application NR Not Recommended

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

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## ESD Testing

Electrical Properties	Film Surface	Adhesive Surface
Surface Resistivity * (ohm/sq.)	10 <sup>13</sup>	10 <sup>9</sup>
Static Decay ** (V/s)	0.50	100
Peak Voltage ** (V)	1360	200
Residual Voltage ** (V)	1330	0
Dissipation Time ** (s)	60	2.0

\* Surface Resistivity is measured per EOD/ESD S.11.11 (Used Monroe Resistivity Meter, Model 272)

\*\* Used Monroe Static Charge Analyzer, Model 276A to measure static decay rate. Ion current is increased until it reaches 70mA. The peak voltage at 70mA is recorded. After the twenty second charge duration expires, the samples charge dissipation is monitored for sixty seconds. The static decay rate is defined as the difference in peak and residual voltage as a function of dissipation time.

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