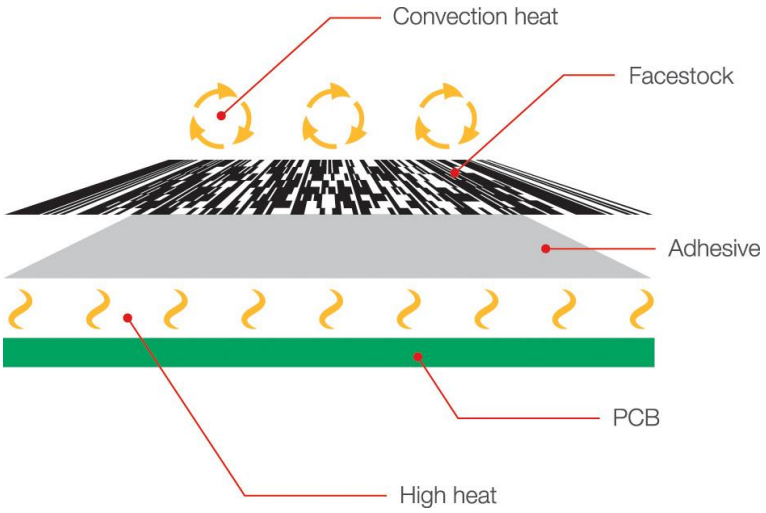
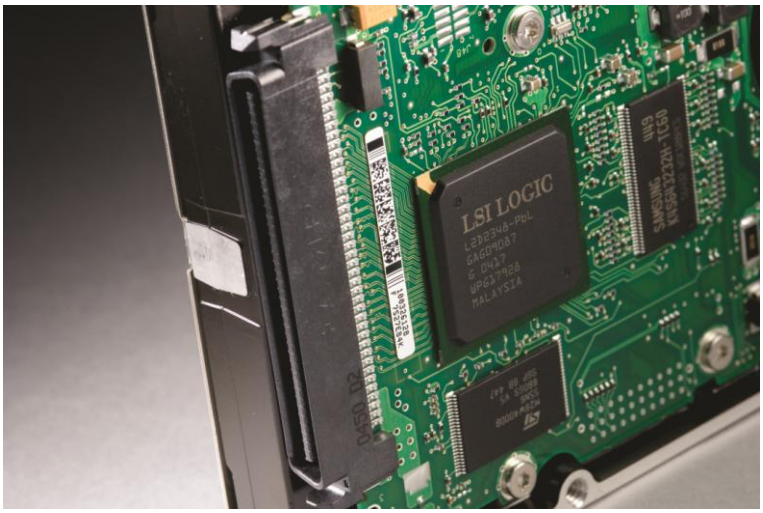


MZ2001W

Fasson®
25micron GLOSS WHITE PI HTC/S8088S/ BG50# WH ni

A durable polyimide label with a high-heat resitant topcoat, designed for high-temperature resistance application.

Typical Applications



Key Features

- High temperature resistance (up to 300C for short term)
- ANSI Grade “A” barcode readability
- High solvent resistance
- Anti-yellowing properties
- No edge-lifting

Fasson®
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Facestock
A durable polyimide facestock with a high-temperature resistance, high opacity, gloss white topcoat.

Basis Weight:	N/A	
Caliper:	0.040 mm ± 10%	ISO 534

Adhesive
A solvent-based adhesive specially formulated to withstand high temperatures and corrosive solvents.

Liner
A super-calendared white glassine paper with excellent roll label converting properties.

Basis Weight:	80 g/m2 ± 10%	ISO 536
Caliper:	0.070 mm ± 10%	ISO 534

Performance Data

Loop Tack (st,st):	FTM 9	8 N/25mm
20min. 90° Peel Adhesion (st,st):	FTM 2	6 N/25mm
24hours 90° Peel Adhesion (st,st):	FTM 2	8 N/25mm
Minimum Application Temperature:		10 ° C
Service Temperature Range:		-40~ +300° C

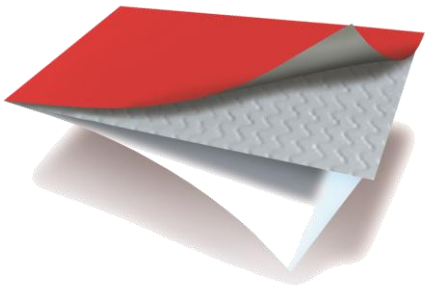
Features and Benefits
The product features excellent tear strength, heat resistance, dimensional stability and chemical resistance. The specially designed topcoat in combination with the appropriate thermal transfer ribbon features excellent scuff, scratch, UV, ultra-high temperature & solvent resistance. The label exhibits no yellowish, shrinking or warped after high temperature of one or two times of reflow soldering process. Using 25um polyimide film base can meet the application requirements, but save the cost.

Applications and Uses
AVERY MZ2001W is specially designed for high-temperature lead-free soldering application of PCB (printed circuit board), as well as for LED (light emitting diode), automotive, aerospace, medical and manufacturing applications where high-temperature and chemical resistances are critical. It is able to withstand surface mount circuit board processes on either the top or bottom side of the board, but testing is always recommended before production.

Conversion and Printing
The high performance topcoat was specially designed for thermal transfer printing, it also suitable for usual printing techniques if necessary. The choice of thermal transfer printer and ribbon influences the overall print quality and environmental resistant performance. Our material can be used with most of the high performance industrial grade thermal transfer printers and resin ribbons. Testing for specific printer and ribbon is mandatory. More details please see below **Appendix** or contact us.
This product can be die cut and stripped at high speeds on most web-fed presses. Harden treated and sharp dies, preferably in flat-bed, are important to ensure smooth conversion.
Not recommend for automatic dispensing.

Regulatory and Agency Approvals
UL: MZ2001W is a UL recognized component, see UL file #MH20558 for specific details. UL information can be accessed online at UL.com.
RoHS: It is RoHS compliant to 2005/618/EC MCV amendment to RoHS Directive 2002/95/EC.
Halogen Test: It is a halogen-free material, test method with reference to EN14582:2007.

Shelf life
One year when stored at 23 ± 2°C at 50 ± 5% RH.



25micron GLOSS WHITE PI HTC

S8088S

BG50# WH ni

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Warrenty
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Appendix

Performance Data

The following technical data should be considered representative or typical only and should not be used for specification purposes.

Properties	Initial 20minute dwell	24 Hours dwell at Room Temperature
Adhesion to Stainless Steel(FTM2)	6 N/25mm	8 N/25mm

Properties	Test Method	Average Results	
		USA Units	**SI Units**
Thickness	**ASTM D1000**		
Substrate		0.0016 inch	0.040 mm
Adhesive		0.0011 inch	0.027 mm
Liner		0.0027 inch	0.070 mm
Laminate total		0.0054 inch	0.137 mm
Thermal Characteristics	Operating Temp.	-40ºC to +300ºC (–40 ºF to +572ºF)	
	Application Temp.	10ºC↑ (50 ºF↑)	
	Short Term	90seconds at 300 ºC (572 ºF)	
Shelf Life	1 year at 23 ± 2ºC and 50 ± 5% RH		
Printer recommendations	Zebra 105SL、110		
Ribbon recommendations	Avery AX8, Ricoh B110CR, Armor AXR8, DNP R510、R300, Sony TR4070, Iimak SP330, etc.		

References:

ASTM: American Society for Testing and Materials (U.S.A.)

Sl: International Systems of Units. All Sl units are mathematically derived from U.S. conventional units.