



ZEBRA

Z-Band® 4000 Wristbands

FEATURES

- Thermal transfer, white, gloss polyester wristband with a permanent acrylic adhesive
- Offers excellent print quality
- Latex-free, waterproof, and resistant to smear, abrasion, alcohol, mild cleaners and more
- Color-coated options
- Standard offering is white (05172RM)
- Are considered to be MR-Safe. Z-Band wristbands are made of polypropylene and vinyl. The direct thermal imaging chemistry is composed primarily of leuco dyes and developers. The inks / varnishes used are UV varnishes and water-based inks. There is no metal content in or on these particular patient identification bands. Therefore, Z-Band wristbands are considered to be MR-Safe.

MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	White gloss polyester	2.0 mil
Adhesive	Permanent, acrylic-based	1.0 mil
Liner	Poly matte liner	2.0 mil
TOTAL ± 10%		5.0 mil

TEMPERATURE PERFORMANCE

Minimum Application Temperature	Service Temperature	Optimal Storage Conditions
NA	-20° F to 300° F (-29° C to 149° C)	72° F (22° C) at 50% RH

Expected Exterior Life

1 day

CHEMICAL RESISTANCE

		Suggested Ribbon	
		5095	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

SUGGESTED APPLICATIONS

- Hospital wristbands for positive patient ID



- Ticketing



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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