

Z-Band® QuickClip™ Wristbands

Direct thermal polypropylene wristband with secure clip closures

The direct thermal polypropylene wristband with secure clip closures offers exceptional image durability and tensile strength, making it an ideal choice for healthcare environments. These wristbands align with healthcare patient ID and safety goals, as set by The Joint Commission, while also minimizing risks associated with data retention on ribbons (HIPAA Secure) and preventing medication and blood transfusion errors as per FDA standards. They are latex-free, waterproof, and resistant to smearing, abrasion, alcohol, mild cleaners, and more, ensuring reliability in various conditions. Additionally, with color-coated clip options and a standard offering in white, these wristbands are made from polypropylene and vinyl, featuring MR-Safe properties due to the absence of metal content and the use of UV varnishes and water-based inks.



- Color-coated clip options.
- Standard offering is white.
- 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.

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

Features

- Direct thermal polypropylene wristband with secure clip closures.
- Provides superior image durability and tensile strength.
- Meets healthcare patient ID and safety goals (The Joint Commission), removes risk of data left on ribbons (HIPAA Secure), and prevents medication and blood transfusion errors (FDA).
- Latex-free, waterproof, and resistant to smear, abrasion, alcohol, mild cleaners and more.

Specifications

Material Construction	
Facestock	Direct thermal polypropylene
Temperature Performance	
Caliper	6.0 microns
Minimum Application Temperature	N/A
Service Temperature	-40° F to 140° F (-40° C to 60° C)
Optimal Storage Conditions	72° F (22° C) at 50% RH
Chemical Resistance—Direct Thermal	
Weak	
Blood	Recommended
Body Fluid	Recommended
Salt Water	Recommended
Water	Recommended
Window Cleaner	Recommended
Moderate	
Alcohol	Test in Your Application
Ammonia	Test in Your Application
Bleach	Test in Your Application
IPA	Test in Your Application
Harsh	
Gasoline	NR
Grease	NR
Oil	NR
Extreme	NR
Acetone	NR
I R Reflow	NR
MEK	NR
TCE	NR
Xylene	NR
Recommended Darkness and Print Speed Settings	
Wristband Cartridge Printers	Print speed and darkness setting are automatically set by the cartridge
ZPL Printers	Darkness: 22 Print Speed: 2 ips
EPL Printers	Darkness: 13 Print Speed: 2 ips

Durability Testing

The image durability of a 5 mil narrow-bar 16 digit Code 128 C bar code printed on a Z-Band Comfort wristband at Zebra's recommended darkness and print speed settings was measured by scanning with a MS1690 Focus Area Imaging Bar Code Scanner after exposure to solvents, abrasion and water. For each test performed, a "Pass" or "Fail" designation was noted. Following are definitions of the designations:

- Pass = Immediate scan of bar code without repeated attempts
- Fail = Failure of bar code to scan or required repeated attempts to scan

Abrasion Test	Pass: Exceeds 1000X with a dry crocking cloth
Water	Pass: Withstands total immersion in 105° F/40° C water for up to 6 hours
91% IPA	Pass: Withstands 50X rubs with soaked cotton applicator
70% IPA	Pass: Withstands 50X rubs with soaked cotton applicator
Betadine	Pass: Withstands 100X rubs with soaked cotton applicator
Purell®	Pass: Withstands 50X rubs with soaked cotton applicator
Tensile Strength:	Pass: Withstands up to 45 pounds of force

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Markets and Applications

Healthcare

- Positive Patient ID

Hospitality

- Ticketing



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