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# Z-Band® UltraSoft

## Direct thermal printable wristbands

### Description

A white, direct thermal synthetic wristband, featuring a permanent rubber adhesive tab closure. Z-Band UltraSoft is the softest direct thermal wristband in the market, specifically designed to be ultra soft and comfortable for patients with delicate skin. With tamper-evident slits for security and our antimicrobial coating, Zebra's Z-Band bar code printable wristbands are the simplest and softest way to improve patient safety.

### Suggested applications

- Safe, secure, positive patient ID for hospitals
- Identification of patients with delicate skin

### Key features and benefits

Direct thermal patent-pending ultra-soft synthetic material. Quick and easy to print and secure

Antimicrobial coating, which test results show prevents the growth and survival of *S. aureus*, *P. aeruginosa*, *E. coli* and *MRSA Type II, III, IV*

Meets healthcare patient identification and safety requirements, removes risk of data left on ribbons (HIPPA) and helps to prevent medication and blood transfusion errors

Excellent print quality down to 5 mil narrow bar codes

Secure closure with tamper evident slits and high performance rubber adhesive, bands cannot be removed and reapplied

Latex-free, waterproof and resistant to smearing, abrasion, alcohol, mild cleansers and other substances used in a typical hospital environment such as Purell® hand sanitizer

“MR-Safe” (*MR Safe*—an item that poses no known hazards in all MRI environments)



### Technical specifications

	Description	Caliper
Facestock	White direct thermal synthetic wristband	178 Micron +/- 10%



## Z-Band UltraSoft continued

<b>Recommended storage conditions:</b>	6 months duration when stored between 0°C and 21°C at 35% to 50% RH
<b>Recommended Zebra printers:</b>	HC100
<b>Expected exterior life:</b>	Not recommended for outdoor usage

### Z-Band UltraSoft performance and durability

The image durability of a 5 mil narrow-bar 16 digit Code 128 bar code printed on Z-Band UltraSoft at Zebra's recommended darkness and speed settings was measured by scanning with an MS 1690 Focus Area Imaging Bar Code Scanner after exposure to solvents, abrasion and water. For each test performed, a "Pass" or "Fail" was noted.

Pass = Immediate scan of barcode without repeated attempts  
Fail = Failure of barcode to scan or required repeated attempts to scan

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

For further details of laboratory testing information relating to Zebra's range of healthcare wristbands, please visit [www.zebra.com](http://www.zebra.com) or contact your Supplies representative.

### Product Performance and Suitability

All information on this document is to be used for guidance only and is not to be used for setting specifications. All purchasers of Zebra products shall be responsible for independently determining if the product conforms to all requirements of the application.

Use antimicrobial wristbands (which include biocides) safely.  
Always read the label and product information before use.



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