



## Z-Band® 4000

# Printable wristband

## Thermal Transfer – self adhesive fastening

### Description:

A 127 micron white polyester pressure sensitive wristband product. Z-Band 4000 offers excellent print quality of text and bar codes when printed with Zebra 5095 resin ribbons. The recommended print speed is 50.8mm per second.

### Suggested Applications

- Safe, secure, positive patient ID for hospitals
- Event admission: sports, concerts, etc.
- Water and amusement park admissions
- Cruise ships and resorts; cash-free transactions

### Key Features and Benefits

- Meets healthcare patient identification and safety requirements
- Waterproof for added image durability during bathing
- Excellent image resistance to smearing and abrasion, alcohol, mild cleaners and blood
- Secure closure with high performance acrylic adhesive
- Adhesive complies with FDA 21 CFR 175.105
- Latex-free, no latex used in raw material processing

### Technical Specifications

|           | Description       | Caliper     |
|-----------|-------------------|-------------|
| Facestock | White polyester   | 51 microns  |
| Adhesive  | Permanent acrylic | 25 microns  |
| Liner     | Poly matte liner  | 51 microns  |
|           | Total             | 127 microns |

**Recommended Zebra Ribbons:** 5095, 5100

**Minimum Application Temperature:** 10°C

**Service Temperature Range:** -29°C to 149°C

**Recommended Storage Conditions:** One year duration when stored at 0°C to 21°C (32°F to 70°F) at 35% to 50% RH

**Recommended Zebra printers:** Desktop, mid-range and high-performance



### Z-Band 4000 kits

|       | Part Number | Size                        | Core           | Max. Roll OD | Quantity per kit |
|-------|-------------|-----------------------------|----------------|--------------|------------------|
| Adult | ZBAND1      | 1" x 11" (25.4mm x 279.4mm) | 3"<br>(76.2mm) | 8" (203 mm)  | 1590             |
| Adult | ZBAND2      | 1" x 11" (25.4mm x 279.4mm) | 1"<br>(25.4mm) | 5" (127mm)   | 795              |

Zebra's Z-Band 4000 patient identification wristband is packaged in a convenient kit.

ZBAND1: One kit contains 3 rolls of Z-Band 4000 wristbands (530 bands per roll) PLUS 1 roll of 5095 resin ribbon, 40mm x 450M, for industrial printers.

ZBAND2: One kit contains 3 rolls of Z-Band 4000 wristbands (265 bands per roll) PLUS 3 rolls of 5095 resin ribbon, 57mm x 74M, for TLP2824/Z printers.

Sample rolls are available for industrial printers: part number SAM5172 (see SampleMedia sheet on Zipship label price lists).

### Suggested Ribbons for Applications with Chemicals

|      | Weak  |            |            |       |                | Moderate |         |        |     | Harsh    |        |     | Extreme |           |     |     |        |
|------|-------|------------|------------|-------|----------------|----------|---------|--------|-----|----------|--------|-----|---------|-----------|-----|-----|--------|
|      | Blood | Body Fluid | Salt Water | Water | Window Cleaner | Alcohol  | Ammonia | Bleach | IPA | Gasoline | Grease | Oil | Acetone | IR Reflow | MEK | TCE | Xylene |
| 5095 | X     | X          | X          | X     | X              |          | X       | X      | X   |          |        |     |         |           |     |     |        |
| 5100 | X     | X          | X          | X     | X              |          | X       | X      | X   |          |        |     |         |           |     |     |        |

X indicates acceptable chemical resistance

### 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.

For testing of this product, please order SAM5172.