



WB104 is a unisex RFID wristband made of **Tyvek**, a synthetic material with a paper-like appearance, but with remarkable mechanical properties. It is robust and breathable, resistant to water, abrasions, wear, and bacterial penetration. It features an adhesive closure. The

wristband can be customised using offset printing in a variety of colours. Serial numbering can be applied using inkjet technology. WB104 is **available in combined HF+UHF with an EM4423 chip, which allows the wristband to be read both near and far.**

## MARKETS

The WB104 RFID wristband is suitable for **daily use, for access control and identification in the tourism sector, at events and for loyalty programmes.**



European frequency (EU) 13.56 MHz + 868 MHz / US frequency 13.56 MHz + 920 MHz

## RFID features

| Chip      | Memory                                                                   | ISO Standard                           | NFC Standard           |
|-----------|--------------------------------------------------------------------------|----------------------------------------|------------------------|
| EM4423    | 256 bytes - UID/TID: 8 bytes (HF) + 12 bytes (UHF) - EPC: 60 bytes (UHF) | ISO 15693 + ISO 18000-63 / EPC Gen2 V2 | Type 5 - tag compliant |
| EM4423 US | 256 bytes - UID/TID: 8 bytes (HF) + 12 bytes (UHF) - EPC: 60 bytes (UHF) | ISO 15693 + ISO 18000-63 / EPC Gen2 V2 | Type 5 - tag compliant |

## Technical specifications

|                       |                               |
|-----------------------|-------------------------------|
| Wristband dimensions  | ∅ 252 x 20 x 0.3 mm (Size: L) |
| Dial size             | ∅ 22.5 mm                     |
| Gender                | Unisex                        |
| Material              | Tyvek                         |
| Weight                | 0.95 g                        |
| Operation temperature | -10°C to ~ +50°C              |
| Storage temperature   | 0°C ~ +50°C                   |

## Customisation

|                                    |                   |
|------------------------------------|-------------------|
| Type of printing on dial and strap | Offset printing   |
| Type of numbering                  | Inkjet technology |

