

Disposable PVC RFID Wristbands

Dimensions, construction & electronic options

WB601–WB607 retain the codes used in this website’s catalogue. Four images carry dimensions; the other three are shape photographs. Drawing labels describe those references, while the approved order drawing identifies the supplied size, tolerance, material and chip.

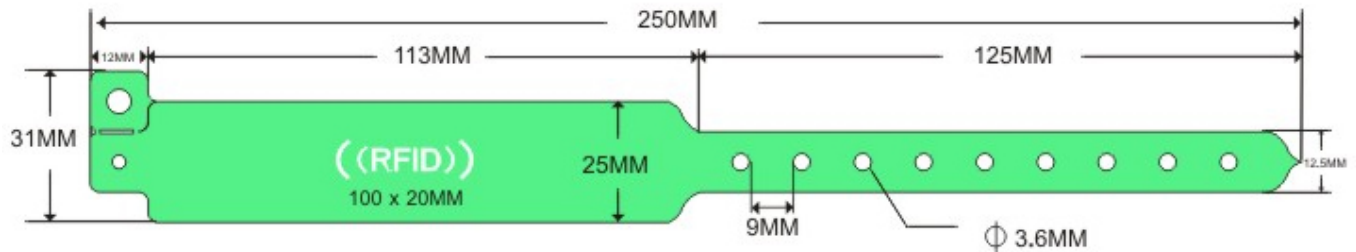
Code / shape	Dimensions shown	Print area shown
WB601 Broad-face snap band	No dimensions printed in this model photo	Broad face shown; printable dimensions not labeled
WB602 250 mm band · widened print panel	250 mm overall · 31 mm closure end · 25 mm face · 12.5 mm narrow strap	100 × 20 mm shown inside the print panel
WB603 270 mm band · 27 mm face	270 mm overall · 34 mm closure end · 27 mm face · 13.5 mm narrow strap	90 × 22 mm shown inside the print panel
WB604 290 mm band · central RFID panel	290 mm overall · 28 mm closure end · 14 mm narrow strap	Central panel shown; no print-safe rectangle dimensioned
WB605 Continuous-face blue band	No dimensions printed in this model photo	Continuous face shown; printable dimensions not labeled
WB606 247 mm band · offset closure tab	247 mm overall · 50 mm closure tab · 25 mm band	85 × 20 mm shown inside the band
WB607 Extended rectangular panel	No dimensions printed in this model photo	Extended rectangular panel shown; size not labeled

All lengths above are drawing references, not fitted wrist circumferences. Hole position, snap overlap, chip and antenna are part of the selected assembly.

Four original dimension drawings

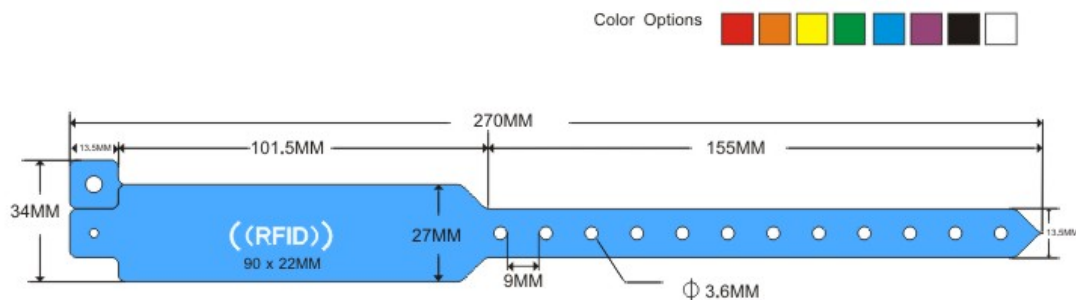
Full-size versions are linked beside the matching model on the product page. The figures below retain the original labels.

WB602 - 250 mm band · widened print panel



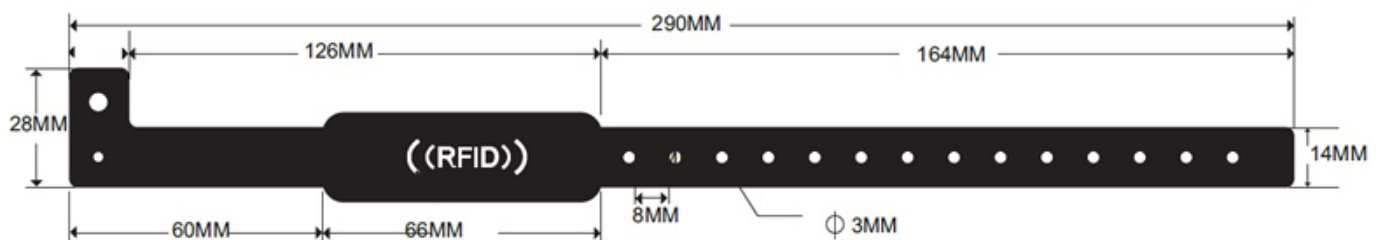
Ø3.6 mm adjustment holes · 9 mm labeled pitch. 100 × 20 mm shown inside the print panel.

WB603 - 270 mm band · 27 mm face



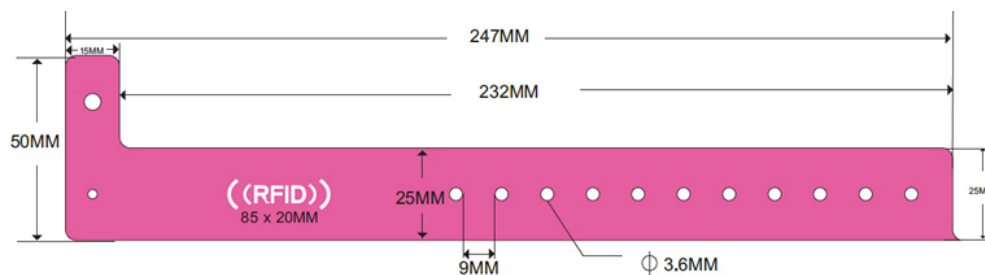
Ø3.6 mm adjustment holes · 9 mm labeled pitch. 90 × 22 mm shown inside the print panel.

WB604 - 290 mm band · central RFID panel



Ø3 mm adjustment holes · 8 mm labeled pitch. Central panel shown; no print-safe rectangle dimensioned.

WB606 - 247 mm band · offset closure tab



Ø3.6 mm adjustment holes · 9 mm labeled pitch. 85 × 20 mm shown inside the band.

Chip-level selection references

The chip, its data format and the installed reader must match. Chip memory and radio specifications do not establish a finished wristband read distance or environmental rating.

Chip	Interface / memory	Selection notes
EM4200	LF · 125 kHz credential systems; IC supports 100–150 kHz Factory-programmed ROM; 64 / 96 / 128-bit options	A fixed-ID reader expecting the selected EM data format. The 64-bit Manchester frame includes 40 data bits. Define the exact variant and reader output; this is not an NFC web-link chip.
NTAG213 / NTAG215 / NTAG216	HF · 13.56 MHz · ISO/IEC 14443-A · NFC Type 2 144 / 504 / 888 bytes user memory respectively	An NFC link or other NDEF content for supported phones. NDEF formatting uses part of the user area. The 7-byte UID is factory programmed and read-only; printed sequential ticket numbers are mapped separately.
MIFARE Classic EV1 1K	HF · 13.56 MHz · ISO/IEC 14443-A activation; Classic commands 1 kB total EEPROM · 16 sectors	An existing credential system designed for Classic 1K. The total includes manufacturer and access-control data. Specify the identifier variant, sector data and authorized keys with the operator.
NXP UCODE 8	UHF · 840–960 MHz IC input · EPC Gen2v2 / ISO 18000-63 EPC 128 bits · TID 96 bits · separate user memory 0 bits	An EPC-reader design needing up to 128 EPC bits. This is UCODE 8, not 8m. The assembled antenna and on-wrist test determine operating band and distance; the chip range alone does not.
NXP UCODE 9	UHF · 840–960 MHz IC input · EPC Gen2v2.1 / ISO 18000-63 EPC 96 bits · TID 96 bits · separate user memory 0 bits	An EPC-reader design using a 96-bit identifier. UCODE 9 has a different EPC allocation from UCODE 8. A phone's NFC radio does not read either UHF interface.

Sources & scope

[Disposable PVC RFID wristbands for events](#) - Proud Tek. Published PVC, click-fastener and printing specification; current listing names UCODE 8 / 9

[Historical PVC / vinyl wristband supplier sheet](#) - Shenzhen Proudtek. Original two-page supplier sheet dated 21 May 2018, retained in the repository source archive

[Original vinyl material color chart](#) - Proud Tek. One-page supplier chart; B1–B21 and C1–C21 references

[WB602 dimension drawing](#) - RFIDAK archived product gallery. 250 mm overall; 31 / 25 / 12.5 mm labeled widths; 100 × 20 mm artwork reference

[WB603 dimension drawing](#) - RFIDAK archived product gallery. 270 mm overall; 34 / 27 / 13.5 mm labeled widths; 90 × 22 mm artwork reference

[WB604 dimension drawing](#) - RFIDAK archived product gallery. 290 mm overall; 28 mm closure end; 14 mm narrow strap

[WB606 dimension drawing](#) - RFIDAK archived product gallery. 247 mm overall; 50 mm closure tab; 25 mm band; 85 × 20 mm artwork reference

[EM4200 datasheet](#) - EM Microelectronic. EM4200, Version 3.2, 8 November 2013

[NTAG213 / NTAG215 / NTAG216 datasheet](#) - NXP Semiconductors. NTAG213_215_216, Rev. 3.2, 2 June 2015

[MIFARE Classic EV1 1K datasheet](#) - NXP Semiconductors. MF1S50YYX_V1, Rev. 3.2, 23 May 2018

[UCODE 8 / 8m datasheet](#) - NXP Semiconductors. SL3S1205_15, Rev. 3.6, 2 December 2021

[UCODE 9 datasheet](#) - NXP Semiconductors. SL3S1206, Rev. 3.5, 12 February 2025

Published references support comparison. The quotation and approved order drawing identify the supplied construction, chip, marking, size tolerances and production schedule. Current availability and any environmental test conditions are configuration-specific.

[View product photographs, references and quote options](#) →