

Silicone RFID Wristbands

Model dimensions, construction & source notes

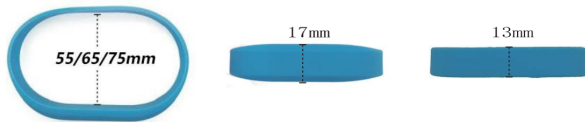
Dimensions below reproduce readable catalog drawing annotations, and weights are nominal catalog values. They are selection references, not production tolerances or current stock availability. The order drawing defines the selected size, closure, chip assembly and finished weight. LF / HF / UHF labels describe catalog options; each band is supplied with an agreed electronic configuration.

Code / RF options	Construction	Drawing dimensions	Nominal weight / source
WB-001 LF / HF / UHF	Closed loop	Opening across: 45 / 55 / 65 / 75 mm; front width: 33 mm; top section: 8 mm.	14 g Catalog page 2
WB-002 LF / HF / UHF	Closed loop	Opening across: 45 / 55 / 65 / 75 mm; side section: 8 mm.	14 g Catalog page 2
WB-003 HF	Closed loop	Opening across: 55 / 65 / 75 mm; front width: 17 mm; rear band width: 13 mm.	9 g Catalog page 3
WB-004 LF / HF / UHF	Closed loop	Opening across: 55 / 65 / 75 mm; front width: 27 mm; front / rear section annotations: 7 / 4 mm.	11 g Catalog page 3
WB-005 LF / HF / UHF	Closed loop	Front width: 32 mm; side section: 7 mm. Opening sizes require a clarified drawing.	14 g Catalog page 4
WB-006 LF / HF / UHF	Adjustable strap	Overall length: 240 mm; widest section: 19 mm; centre profile: 7 mm; outlined face: 35 × 15 mm.	20 g Catalog page 4
WB-007 LF / HF / UHF	Adjustable strap	Overall length: 190 mm; widest section: 17 mm; centre profile: 7 mm; outlined face: 25 × 13 mm.	12 g Catalog page 5
WB-008 LF / HF / UHF	Adjustable strap	Widest section: 17 mm; centre profile: 7 mm; outlined face: 35 × 13 mm.	16 g Catalog page 5
WB-009 LF / HF / UHF	Adjustable strap	Widest section: 17 mm; centre profile: 7 mm; outlined face: 35 × 13 mm.	18 g Catalog page 6
WB-010 LF / HF / UHF	Adjustable strap	Front width: 17 mm; centre profile: 7 mm.	21 g Catalog page 6
WB-011 LF / HF / UHF	Adjustable strap	Front width: 17 mm; centre profile: 7 mm.	15 g Catalog page 7
WB-012 LF / HF / UHF	Adjustable strap	Widest section: 17 mm; centre profile: 7 mm; outlined face: 34 × 13 mm.	17 g Catalog page 7
WB-013 LF / HF / UHF	Adjustable strap	Overall length: 255 mm; front width: 27 mm; centre profile: 5 mm.	25 g Catalog page 8
WB-014 LF / HF / UHF	Adjustable strap	Overall length: 255 mm; front width: 27 mm; centre profile: 5 mm.	25 g Catalog page 8
WB-015 LF / HF / UHF	Adjustable strap	Front width: 25 mm; strap width: 17 mm; profile: 3 mm.	21 g Catalog page 9

Code / RF options	Construction	Drawing dimensions	Nominal weight / source
WB-016 LF / HF / UHF	Adjustable strap	Front width: 20 mm; centre profile: 4 mm; slot: 18 × 2 mm.	16 g Catalog page 9
WB-017 LF / HF / UHF	Adjustable strap	Overall length: 255 mm; front width: 27 mm; centre profile: 6 mm.	19 g Catalog page 10
WB-018 LF / HF / UHF	Adjustable strap	Front width: 27 mm; centre profile: 6 mm.	19 g Catalog page 10
WB-019 LF / HF / UHF	Adjustable strap	Overall length: 265 mm; front width: 17 mm; centre profile: 6 mm.	23 g Catalog page 11
WB-020 LF / HF / UHF	Adjustable strap	Overall length: 265 mm; front width: 17 mm; centre profile: 6 mm.	23 g Catalog page 11
WB-021 LF / HF / UHF	Buckle strap	Front width: 33 mm.	21 g Catalog page 12
WB-022 LF / HF / UHF	Adjustable strap	Front width: 33 mm; centre profile: 6 mm; strap profile: 2 mm.	21 g Catalog page 12
WB-023 LF / HF / UHF	Buckle strap	Front width: 34 mm; centre profile: 7 mm.	24 g Catalog page 13
WB-024 LF / HF / UHF	Adjustable strap	Front width: 34 mm; centre profile: 8 mm.	19 g Catalog page 13
WB-025 LF / HF / UHF	Buckle strap	Overall length: 245 mm; outer face across: 35 mm; inset face across: 30 mm; centre profile: 5 mm.	19 g Catalog page 14
WB-026 LF / HF / UHF	Buckle strap	Outer face across: 35 mm; inset face across: 30 mm; centre profile: 5 mm.	19 g Catalog page 14
WB-027 LF / HF / UHF	Adjustable strap	Face across: 35 mm; centre profile: 5 mm.	16 g Catalog page 15
WB-028 LF / HF / UHF	Buckle strap	Front width: 25 mm; centre profile: 7 mm.	20 g Catalog page 15
WB-029 LF / HF / UHF	Adjustable strap	Front width: 20 mm; centre profile: 6 mm.	21 g Catalog page 16
WB-030 LF / HF / UHF	Adjustable strap	Overall length: 250 mm; front width: 20 mm; centre profile: 6 mm.	21 g Catalog page 16
WB-031 LF / HF / UHF	Adjustable strap	Overall length: 260 mm; front width: 22 mm; centre profile: 6 mm.	24 g Catalog page 17
WB-032 LF / HF / UHF	Adjustable strap	Front width: 22 mm; centre profile: 6 mm.	24 g Catalog page 17
WB-033 LF / HF / UHF	Adjustable strap	Front width: 17 mm; profile annotations: 3 mm and 6 mm at the indicated positions.	14 g Catalog page 18
WB-034 HF / UHF	Insert component	Insert length × width × thickness: 55 × 12 × 2 mm.	5 g Catalog page 18

Read the dimensions for the selected code. Band width, head width, inside diameter and laid-flat length are different measurements. WB-034 is an insert component, not a complete wristband. The product page shows the original dimensional drawings for each code.

WB-003 · Closed loop



Original catalog drawing, page 3. Not to scale.

WB-034 · Insert component



Original catalog drawing, page 18. Not to scale.

Reader and chip selection

Selection	Interface	Use
LF credential	125 kHz reader system	Match the installed access reader's exact chip and identifier format. LF is a separate radio interface from phone NFC.
NTAG213 / 215 / 216	13.56 MHz · NFC Type 2 · ISO/IEC 14443 Type A	NXP specifies 144 / 504 / 888 bytes of user memory respectively. Useful for an NDEF phone-link project; the encoded record also needs space.
Reader-specified HF or UHF	Exact chip and application selected for the reader	For access, account identification or UHF gate use, provide the platform's accepted chip and encoding. Confirm the antenna fits the chosen mold and test the finished band while worn.

Sources & scope

Archived silicone model catalog — WB-001 to WB-034 — RFIDAK / Shenzhen Proud Tek. The 18-page supplier catalog is retained for source review. Drawings and nominal weights on pages 2–18 inform this reference; broad certification, temperature and lead-time statements are not adopted for every model.

[NTAG213 / NTAG215 / NTAG216 datasheet](#) — NXP Semiconductors. Rev. 3.2, pages 1–3: NFC interface and user memory. IC specifications, not a finished-wristband test.

Catalog drawings and published references identify a construction. The selected mold, reader-compatible chip, print layout and current order specification define the supplied wristband. Chip datasheets do not certify the complete wristband for water, cleaning, temperature or service life.

[View model photos, original drawings and configuration inquiry](#) →