

Elastic RFID Wristbands

Dimensions, construction & electronic options

WB507 appears in two supplier listings with different nominal sizes. The references below preserve those published dimensions; they are not four measured wrist ranges or a claim that every artwork photo has the same size.

Specification	Published reference
Supplier model	WB507
Construction	Closed textile loop with a sewn patch
Material	Nylon / fabric in the source listings
Nominal sizes	Ø67 × 25 mm; Ø55 / Ø65 / Ø70 mm
Decoration	Heat-transfer print, screen print or woven artwork
RFID selection	LF identification or HF / NFC, depending on the IC

Keep diameter and width separate

Size reference	Meaning / source limits
Listed Ø67 × 25 mm	67 mm nominal diameter × 25 mm band width The supplier does not identify inner versus outer diameter, stretch state or tolerance.
Listed Ø55 mm	55 mm nominal diameter; width not listed One of three diameter references. No child/adult fit rating is assigned here.
Listed Ø65 mm	65 mm nominal diameter; width not listed A separate supplier size reference; do not substitute the 25 mm width from the ticketing listing.
Listed Ø70 mm	70 mm nominal diameter; width not listed Passing over the hand and resting comfortably on the wrist require a sample fit check.

Printed loop and sewn patch



Inner surface and seam



These photographs show the printed loop and stitched patch. They do not provide a scale, extension rating or measured wrist-fit range.

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 identification · commonly specified at 125 kHz Factory-programmed read-only identifier	An installed LF access system using the selected encoding and ID format. It cannot hold a rewritable NFC web link.
NTAG213 / NTAG215 / NTAG216	13.56 MHz · NFC Forum Type 2 · ISO/IEC 14443 A 144 / 504 / 888 bytes user memory	NFC links or NDEF content. Payload formatting takes some memory. A phone-readable link alone does not grant membership or admission.
MIFARE Classic EV1 1K	13.56 MHz · ISO/IEC 14443 A activation · Classic commands 1 kB total EEPROM · 16 sectors	An existing Classic credential system with the required sector layout and keys. The total includes manufacturer data and sector trailers; it is not 1 kB of unrestricted payload.

Sources & scope

[WB507 elastic nylon wristband for ticketing](#) - Proud Tek. Supplier specification: WB507, nylon, sealed loop, $\Phi 67 \times 25$ mm and print methods

[WB507 reusable elastic fabric event wristband](#) - Proud Tek. Supplier specification: WB507, fabric, closed loop, D55 / 65 / 70 mm and LF / HF chip families

[Elastic wristband for trampoline parks](#) - Proud Tek. Application reference: reader-compatible chip, registration and membership authorization

[EM4200 datasheet](#) - EM Microelectronic. Read-only contactless identification IC; encoding and memory options

[NTAG213 / NTAG215 / NTAG216 datasheet](#) - NXP Semiconductors. Rev. 3.2: 13.56 MHz NFC Type 2; 144 / 504 / 888 bytes user memory

[MIFARE Classic EV1 1K datasheet](#) - NXP Semiconductors. 1 kB EEPROM, 16 sectors, ISO/IEC 14443-A activation and Classic commands

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](#) →