

Paper RFID Wristbands

Format dimensions, construction & source notes

These dimensions and constructions come from published Proud Tek product references. Select a format to discuss; the quotation and approved artwork identify the supplied material, chip, dimensions and available production schedule.

Published format	Dimensions	Material & closure	Printing & scope
Synthetic-paper snap band	210 mm listed length; width not specified in the original listing	Synthetic paper; polymer and laminate grade are not identified Plastic single-use fastener	Color artwork, printed serial numbers, QR codes or barcodes The photo shows adjustment holes and an inlay on the reverse. The listed length is not a wrist-circumference rating.
Tyvek adhesive band · 19 mm	250 mm length × 19 mm width	Listed as Tyvek; specify the branded substrate and grade in the order Adhesive overlap with a security-cut closure area	Offset graphics and serial-number printing A narrow published format for comparing artwork space. Usable wrist circumference is shorter than the flat strip after overlap.
Tyvek printed band · 20 mm	250 mm length × 20 mm width	Listed as Tyvek; specify the branded substrate and grade in the order Adhesive-style closure shown in the source photographs	Offset 4/4 and serial-number printing listed by the supplier A separate 20 mm supplier reference, not a rounded version of the 19 mm format. The approved dieline fixes the print and overlap areas.

Compare the two fastening constructions



Snap-band construction

The reverse-mounted inlay and adjustment holes are visible. Chip identity and dimensions are not printed in this photograph.



Adhesive-band construction

The antenna area and security-cut overlap are separate features. Inspect both on the selected finished sample.

Chip-level selection references

Chip	Technology / memory	Application
NTAG213	13.56 MHz · ISO/IEC 14443-A · NFC Type 2 144 bytes user memory · separate 7-byte UID	NFC tap to a short event or registration link. NDEF formatting uses part of the user area. The factory UID is read-only; write a ticket reference into user memory or map the UID in the event system.
NTAG215	13.56 MHz · ISO/IEC 14443-A · NFC Type 2 504 bytes user memory · separate 7-byte UID	NFC content requiring more message space than NTAG213. Check the encoded payload size. Extra memory does not create a longer read distance or add an admission application.
MIFARE Classic EV1 1K	13.56 MHz · ISO/IEC 14443-A activation · Classic commands 1 kB total EEPROM · 16 sectors	An installed admission system using MIFARE Classic 1K. The total includes manufacturer data and sector trailers. Match the identifier variant, sector layout and keys; it is not interchangeable with an NTAG web-link tag.
UCODE 8 · UHF engineering reference	840–960 MHz IC input · EPC Gen2v2 / ISO 18000-63 128-bit EPC · 96-bit TID · 0-bit separate user memory	Compare EPC-reader requirements for a custom UHF wristband. This IC reference does not identify the chip in a pictured band or establish a supplied UHF format. An antenna tuned for the destination region and on-wrist testing determine the working distance.

Sources & scope

[Synthetic-paper entry wristband](#) — Proud Tek. Published supplier specification: material, 210 mm size, plastic closure and personalization

[250 × 19 mm adhesive wristband](#) — Proud Tek. Published supplier specification: size, adhesive fastening, serial and offset printing

[250 × 20 mm printed event wristband](#) — Proud Tek. Published supplier specification: 20 × 250 mm, offset 4/4, serial printing and HF chip families

[What is Tyvek®?](#) — DuPont. Material composition: synthetic high-density polyethylene (HDPE) fibers

[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

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](#) →