

Nylon RFID Wristbands

Model dimensions, construction & source notes

Model codes identify the pictured strap and housing style. The selected chip, finished dimensions, color and printing are defined in the quotation and sample; the reference drawings below do not specify every model.

Model	Closure shown	Model differences
WB501	Plastic side-release buckle	A squeeze-release clasp opens the band. The pictured round head has two strap slots; the strap and head are separate parts.
WB502	Metal pin buckle with strap holes	The rear photo shows webbing passing through the head slots. Fit is set by the pin and holes, rather than a side-release clasp.
WB503	Hook-and-loop with plastic return loop	Detail views show the folded fastening area and return loop. There is no snap fastener in the pictured assembly.
WB504	Hook-and-loop strap	The broad loop surface and overlapping strap end are visible. This photograph does not show a metal pin buckle.
WB506	Fastener is not visible in this view	An alternative housing shape with the strap entering at both ends. The small catalogue image documents the face, not the fastening mechanism.

Hook-and-loop assembly



280 mm overall laid-flat length · 20 mm strap width · 40 × 37 mm head. Pictured reference: 280 mm laid-flat length; 20 mm narrow strap width; head 40 mm across × 37 mm high. These are drawing labels, not a wrist-circumference range.

Side-release buckle assembly



265 mm overall laid-flat length · 16 mm strap width · 40 × 37 mm head. Pictured reference: 265 mm laid-flat length; 16 mm strap width; head 40 mm across × 37 mm high. No model code or production tolerance is printed on the source image.

Chip-level selection references

Chip	Technology / memory	Application
EM4200	LF · 125 kHz credential systems Factory-programmed read-only identifier	Existing LF readers expecting the selected encoding and identifier format. It is not a writable NFC URL tag.
NTAG213 / NTAG215 / NTAG216	HF · 13.56 MHz · NFC Forum Type 2 144 / 504 / 888 bytes user memory	NFC links and NDEF content. Formatting consumes some space. These chips do not automatically replace a different access-control credential.
MIFARE DESFire EV3	HF · 13.56 MHz · ISO/IEC 14443 A 2 / 4 / 8 / 16 kB variants	Compatible application-based access or closed-loop systems. Specify the capacity, application and keys with the system integrator.

Sources & scope

Hook-and-loop dimension reference — RFIDAK archived product material. Dimensioned photograph embedded in nylon wristband datasheet, page 2

Side-release dimension reference — RFIDAK archived product material. Dimensioned photograph embedded in closure-variant datasheet, page 2

Five nylon wristband model photographs — RFIDAK product catalogue. WB501, WB502, WB503, WB504 and WB506

NTAG213 / NTAG215 / NTAG216 datasheet — NXP Semiconductors. NTAG213_215_216, Rev. 3.2, sections 1, 2.1 and 8.1

EM4200 datasheet — EM Microelectronic. EM4200: read-only contactless identification device

MIFARE DESFire EV3 short datasheet — NXP Semiconductors. MF3D(H)x3, Rev. 3.1, sections 1.1 and 2.1

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 →