



RFID NYLON WRISTBAND DATASHEET

WB501 RFID Nylon Wristband

Standard nylon strap mold with Ø40 mm ABS watch head

Mold WB501 · **Single most-shipped nylon variant** · **In-stock leadtime**

OVERVIEW

About this product

WB501 is the standard RFIDAK nylon wristband mold — the most-shipped variant in the nylon family. The soft nylon strap pairs with an Ø40 mm ABS watch head holding the embedded RFID inlay. Three closure types are interchangeable on the same strap (plastic, metallic, or Velcro), so the WB501 mold adapts to most program requirements without separate tooling. Unit weight is only ~7 g for comfortable continuous wear, and the watch head provides a generous canvas for silkscreen, thermal-transfer, or laser-engraved branding.

KEY FEATURES

Why choose this format

- Standard mold WB501 — fastest lead-time and most-stocked variant
- All three closure options (plastic / metallic / Velcro) supported
- Watch-head color customizable: black + white, red + white, green + white, custom
- Soft nylon strap pairs with Ø40 × 37 mm ABS watch head
- LF / HF / UHF chip support across 20+ chip families
- Silkscreen, thermal-transfer, inkjet, laser-engraved branding

SPECIFICATIONS

Technical reference

Mold Code	WB501
Product Name	RFID Nylon Wristband (WB501)
Strap Material	Soft nylon webbing
Watch Head Material	ABS plastic
Closure Options	Velcro · Plastic side-release · Metallic pin buckle
Strap Length	240–280 mm
Watch Head Size	Ø40 x 37 mm
Weight	~7 g
Frequency	125 kHz LF · 13.56 MHz HF · 860–960 MHz UHF
Standards	ISO/IEC 14443A · ISO/IEC 15693 · ISO 18000-6C
LF Chips	TK4100, EM4200, EM4305, T5577, Hitag series
HF Chips	FM11RF08, MIFARE S50/S70, Ultralight (C), NTAG213/215/216, MIFARE DESFire, MIFARE Plus
UHF Chips	Impinj Monza, Alien H2/H3, NXP UCODE G2
Branding Crafts	Silkscreen, thermal printing, inkjet, laser-engraved UID / serial
Working Temperature	-40 °C ~ +70 °C
Packaging	100 pcs / polybag, 20 bags / carton
MOQ	300 pieces · Lead time 7–14 business days

APPLICATIONS

Where this fits

- Standard staff access credential for construction, hospitals, and
- Outdoor festival and multi-day camping event credentials
- Industrial field service worker ID with branded watch head
- Hotel housekeeping and resort staff identification
- Logistics and warehouse worker shift authentication
- Volunteer and event-staff credentials with customer logo



DIMENSIONS & CLOSURE DETAIL

40mm watch head, 240-280mm strap, 20mm width