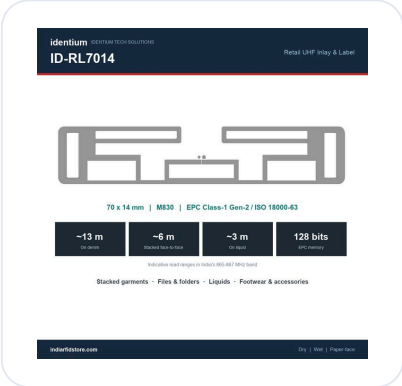
UHF RFID Retail Inlay & Label ID-RL7014 (70 × 14 mm)

Model ID-RL7014 · Brand: Identium



A 70 × 14 mm UHF RFID inlay on the Impinj M830 chip, built for densely stacked garments and goods near liquid. Supplied as a dry inlay, wet inlay or printable paper-face label.

KEY FEATURES

- **Impinj M830 chip, EPC Gen2 / ISO/IEC 18000-63**
- **Approx. 6 m with items stacked face to face (India band)**
- Approx. 3 m on liquid and 13.5 m on single-layer denim
- Dry inlay, wet inlay or printable paper-face label
- Aluminium 70 × 14 mm dipole antenna, 22.225 mm pitch
- Operating temperature –20 °C to +50 °C

APPLICATIONS

Apparel and softlines · Footwear and accessories · Densely packed files · Liquid-adjacent goods · Store cycle counts · Exit reads

SPECIFICATIONS

Model	ID-RL7014 (-D dry inlay, -W wet inlay, -L paper-face label)
Chip	Impinj M830
Protocol	EPCglobal Class-1 Gen-2 / ISO/IEC 18000-63
Memory	EPC 128 bits, user 0 bits, TID read-only
Frequency	Tuned for 902–928 MHz (FCC); characterised across 865–868 MHz (ETSI / India)
Read range	At 865–868 MHz, approx.: plastic 16 m, denim 13.5 m, free space 6.5 m, stacked face to face 6 m, 5 mm from metal 4 m, liquid 3 m
Antenna	Aluminium linear dipole, 70 × 14 mm
Dimensions	Antenna 70 × 14 mm; wet inlay and label finish 73 × 17 mm
Pitch	22.225 mm (all variants)
Operating temperature	–20 °C to +50 °C
Storage humidity	20–80% RH
Shelf life	Dry 2 years; wet and paper-face 1 year (at +25 °C / 40% RH)
Packaging	Dry: 20,000 per roll, 4 rolls per box; wet: 24,000 per roll, 3 rolls per box; label: 5,000 per roll, 4 rolls per box

Specifications are indicative and may change without notice; confirm details for your order in the quotation.