



Silicone UHF RFID Laundry Tag ID-SLT-5512 (55 × 12 mm)

Model ID-SLT-5512 · Brand: Identium



A 55 × 12 × 2.5 mm UHF RFID laundry tag with a flexible circuit inlay sealed in silicone, rated for up to 200 industrial wash cycles, 60-bar tunnel washers and autoclave sterilisation. Built for hospital, hotel and uniform laundries.

KEY FEATURES

- **Rated for up to 200 industrial wash cycles in 60-bar tunnel washers**
- **Withstands high-temperature drying and autoclave sterilisation**
- Non-magnetic and MRI safe at 1.5 T and 3.0 T
- Small 55 × 12 × 2.5 mm, 2.1 g silicone body, gentle on fabric
- UCODE 8 / UCODE 9 chip, 96–128-bit EPC, 20-year data retention
- Sew, heat-press, paste or pocket it

APPLICATIONS

Hospital linen

Hotel towels

Industrial uniforms

Commercial laundries

Uniformed services clothing

Garment rental

Dry-cleaning chains

Firefighting gear

SPECIFICATIONS

Model	ID-SLT-5512
Dimensions	55 × 12 × 2.5 mm
Weight	2.1 g
Chip	UCODE 8 or UCODE 9 (other ICs on request)
Memory	96–128-bit EPC
Data retention	20 years
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Class 1 Gen2 / ISO 18000-6C
Read range	Up to 6 m on textiles (rated at 4 W EIRP, 902–928 MHz)
Material	FPC (flexible printed circuit) inlay encased in silicone
Wash durability	Up to 200 industrial wash cycles; rated for high-pressure (60 bar) tunnel washers
Sterilisation	Autoclave compatible
MRI	Non-magnetic; compatible with 1.5 T and 3.0 T scanners
Mounting	Sewn, heat-pressed, pasted or placed in a fabric pocket
Material compliance	GB 18401, RoHS, EU SVHC, OEKO-TEX Standard 100