

Laundry Tag



Durable UHF RFID Laundry Tag for Apparel Product Tracking

This UHF RFID textile laundry tag is a durable and efficient solution for industrial garment tracking. Designed to withstand 200+ industrial wash cycles, high temperatures up to 180°C (356°F), and 60 bar pressure, it ensures reliable performance in healthcare, military, and hospitality applications. Its compact 10mm design and passive power supply make it ideal for seamless RFID tracking, compliant with EPC Class1 Gen2, ISO18000-6C standards.

Built for demanding environments, this tag features soft, flexible textile material and offers customizable sizing for various applications. It integrates easily into garments via thread installation, maintaining durability through drying, ironing, and sterilization processes. With a read distance of up to 7 meters, it streamlines laundry operations while reducing manual errors.

Powered by an NXP UCODE 9 chip, the tag provides 96-bit EPC memory and 20-year data storage for long-term reliability. Its RoHS compliance ensures environmental safety, making it a sustainable choice for efficient uniform, medical apparel, and personnel tracking in industrial laundry systems.

Overview

Frequency Band

UHF 920 - 923 Mhz (ID)

Chip

NXP UCODE 9

Material

Textile

Tag Dimension

70 x 15 x 1.5 mm

Compliance

EPC Class1 Gen2, ISO18000-6C

Industry Segments

Military
Retail
Manufacture
Healthcare
Hospitality
F&B

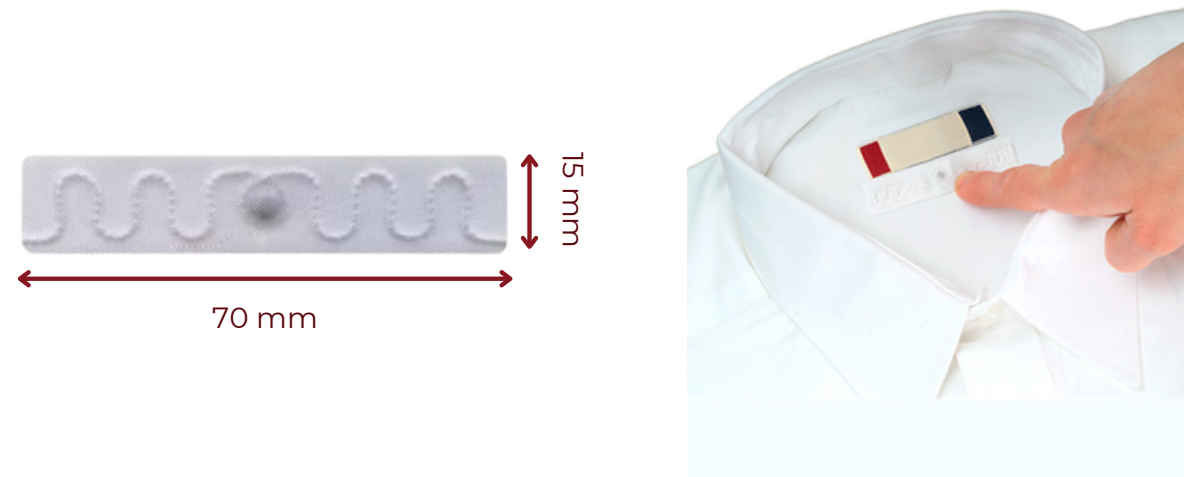
Applications

Industrial Washing
Management of Uniforms
Medical Apparel Management
Military Clothing Management
Personnel Patrol Management
Retail Clothing Management
People Tracking

Technical Features

Chip	NXP UCODE 9
EPC & User Memory	96 bits & 0 bits
Frequency Band	920 - 923 MHz (ID)
Dimension	70 x 15 x 1.5 mm
Material	Textile
Installation Method	Sewing (Thread Installation)
Read Cycle & Lifetime	100,000 Programming cycles & 200 wash cycles or 2 years from shipping date
Operating Mode	Passive
Storage Temperature	-40°C ~ +85 °C
Operating Temperature	1. Washing: 90°C(194°F), 15 minutes, 200 cycle 2. Pre-drying in Tumbler: 180°C(320°F), 30 minutes 3. Ironer: 180°C(356°F), 10 seconds, 200 cycles 4. Sterilization Process: 135°C(275°F), 20 minutes

Product Overview



Contact Information
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