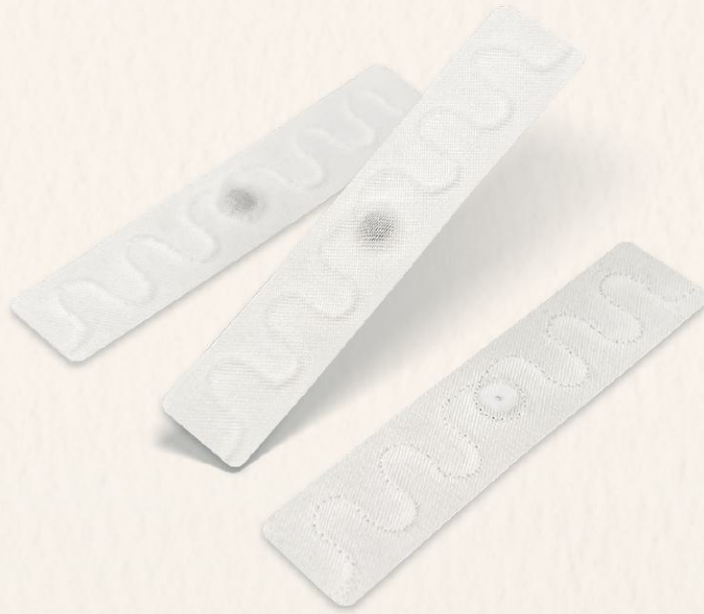




Textile Anti-Gamma Ray UHF RFID Laundry Tag



SKU:	RS-ATG-LTW-7015
Frequency:	UHF 845-950 MHz
User Memory:	1312 bits
EPC Memory:	128 bits
Read Range:	Up to 5 meters
Protocol:	ISO/IEC 18000-63, EPC Global Gen2v2
Washing Cycles:	More than 200 washing cycles, 2 years
Operating Temperature:	-25°C ~ +110°C



This Textile Anti-Gamma Ray UHF RFID Laundry Tag is crafted from a soft textile that is safe for all skin types, even for infants. It incorporates a chip with cutting-edge X-RFID® technology, allowing for an extensive read range, the ability to read multiple tags at once, and enhanced security. Built to withstand 200 industrial wash cycles and endure water pressures of up to 60 bars, it excels in challenging environments. Each unit undergoes 100% functional testing to ensure dependable performance, making it perfect for industrial laundry, uniform management, medical apparel oversight, military clothing handling, and personnel patrol management.

Anti-Gamma Ray: Support

Material: Soft material safe for all skin types, including infants

Passed Tests: RoHS, MRI, GB18401 and OEKO-Tex Std.100 Class 1 test

Applications: Industrial laundry, uniform management, medical apparel oversight, military clothing handling, and personnel patrol management

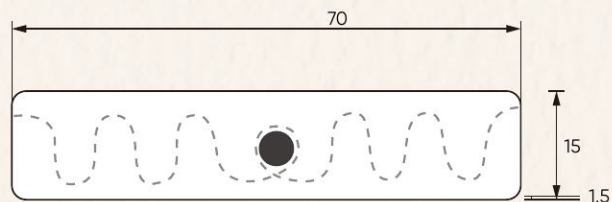
Physical Information	Material	Textile
	Tag Dimension	70mm x 15mm x 1.5mm
	Weight	About 0.6g
	Operating Environment	-25°C to +110°C, 5% to 95%RH
	Storage Environment	+18°C to +28°C, 40% to 60% RH(recommended)
	Surface Color	White
	Mounting Methods	Sewn into the hem, or into the woven label (do not sew onto the metal wire or chip module during sewing)

Technical Information	Operating Frequency	845-950 MHz
	Communication Protocol	ISO/IEC 18000-63, EPC Global Gen2v2
	Antenna Polarization Mode	Linear Polarization
	Read Range	Up to 5 meters (ERP=2W) Up to 2 meters (With iData T2 UHF handheld reader)
	User Memory	1312 bits
	EPC Memory	128 bits
	Bit-Level Physical Non-erasability	Can be written from "0" to "1", but cannot be written from "1" to "0"
	Write Endurance	100,000 times
	Data Retention Time	100 years
	OTP (One Time Programming)	Support
	Multi-Tags Reading	Support
	Read/Write	Support

Washing	Maximum Temperature	135°C(275°F)
	Washing	90°C(194°F), 15 minutes, 200 cycles
	Pre-Drying in Tumbler	Pre-drying in Tumbler: 180°C(320°F)
	Ironing	180°C(356°F), 10 seconds, 200 cycles
	Sterilization Process	135°C(275°F), 20 minutes
	Water Extractor Press	Up to 60 bars
	Chemical Resistance	Normal common chemicals in the washing processes
	Washing Cycles	200 washing cycles or 2 years (whichever reaches first)

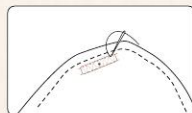
Packaging Information	Packing Format	Packed in carton
	Packing Quantity	500 pcs/bag, 20 bags/carton G.W.: 6.324Kg/carton
	Carton Dimension	460×220×290mm

Size and Specification Drawing
(Unit: mm)

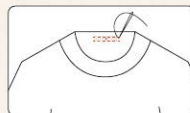


Mounting Methods

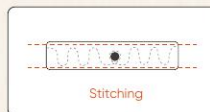
Method1:



Sewn into the hem



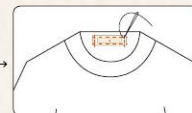
Sewed onto the woven label



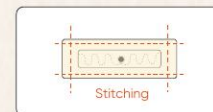
Method2:



Put it inside the cloth bag



Sewed it



Do not sew onto the metal wire or chip module during sewing.