



NXP® UCODE® 9 UHF RFID Textile Laundry Tag



SKU:	RS-U9-LTW-7015
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Washing Cycles:	200 washing cycles or 2 years
Industry:	Hospitality, Healthcare, Retail, Industrial Applications, Uniform Rental Services
Applications:	Uniforms Management, Linen Lease, Industrial Washing, Textile Management, Access-control Management, etc.



The NXP® UCODE® 9 UHF RFID Textile Laundry Tag features a slim, flexible textile construction paired with high-performance UHF technology. Designed to endure rigorous industrial laundry conditions, it withstands more than 200 wash cycles and pressures of up to 60 bars, ensuring long-term durability.

Ideal for demanding applications in healthcare, hospitality, and textile rental services, this tag offers reliable, reusable tracking for garments and linens. Its eco-friendly design and stable read performance make it a smart choice for modern, sustainable laundry operations.

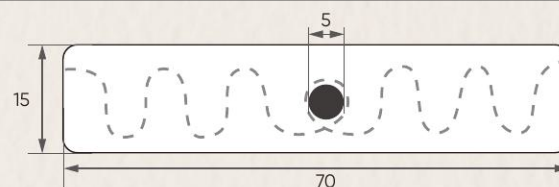
Physical Information	Material	Textile
	Size	70×15×1.5 mm(or customized)
	Weight	0.62 g
	Surface Color	White
	Passed Tests	MRI, 100% Radio frequency compliance Testing
	Operating Environment	-25°C~+110°C
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Sewn into the hem, or into the woven label (do not sew onto the metal wire or chip module during sewing)

Technical Information	Operating Frequency	860~960 MHz
	Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	NXP® UCODE® 9
	EPC Memory	96 bits
	Read Range	Fixed Reader(2W ERP): Over 10 meters Handheld Reader(30dbi power): Over 7 meters
	Security Features	32-bit Kill Password Self Adjust Memory Safeguard 32-bit Block Write Permalock Provides One-time Lock

Washing Information	Maximum Temperature	194°F(90°C)/15 minutes, 200 times
	Pre-Drying in Tumbler	356°F(180°C)/30 minutes, 200 times
	Ironing	356°F(180°C)/10 seconds, 200 times
	Sterilization Process	275°F(135°C)/20 minutes
	Water Extractor Press	60 bars
	Chemical Resistance	All standard chemicals used in industrial washing processes
	Washing Cycles	200 washing cycles or 2 years(whichever reaches first)

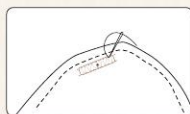
Packaging Information	Packing Format	Packed in carton
	Packing Quantity	500 pcs/bag, 20 bags/carton G.W.: 6.18 Kg/carton
	Carton Dimension	430×210×270 mm

Size and Specification Drawing
(Unit: mm)

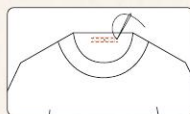


Mounting Method

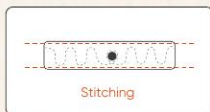
Method1:



Sewn into the hem



Sewed onto the woven label

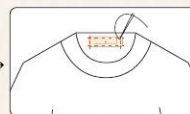


Stitching

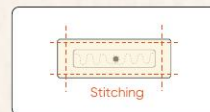
Method2:



Put it inside the cloth bag



Sewed it



Stitching

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