



RFID UHF Apparel Tag



The UHF PVC Apparel Tag is a durable and cost-effective RFID tag designed for garment identification, inventory management, retail tracking, and supply chain visibility. Manufactured with high-quality PVC material and integrated with a UHF RFID chip, it enables fast, accurate, and long-range data capture without direct line-of-sight scanning.

The UHF PVC Apparel Tag allows retailers and manufacturers to quickly identify, locate, and manage thousands of garments throughout production, warehousing, distribution, and retail processes. By enabling rapid bulk scanning, businesses can significantly improve inventory efficiency and reduce operational costs.

Highlights & Benefits

- ✓ Durable PVC construction for extended service life
- ✓ Operates in the range of 860-960 MHz
- ✓ Waterproof and resistant to dust, moisture, and daily wear

Applications

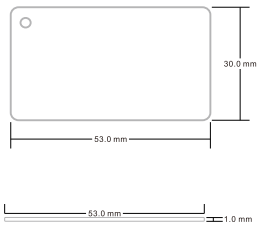
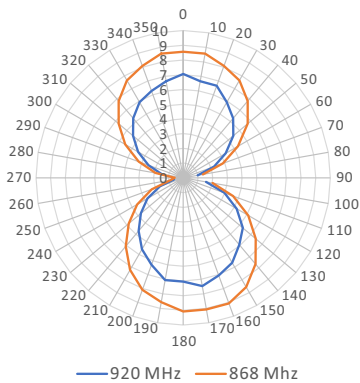
- ✓ Clothes security anti-theft
- ✓ Apparel retail management
- ✓ Clothes inventory management
- ✓ Other items security control



Technical Features

Model	RC9012
RFID Features	
Air Interface Protocol	EPC Class 1 Gen 2 / ISO 18000-63 Type C
Frequency	860-960 MHz
Chip Type	Impinj M830
Memory	User - N/A; EPC - 128 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Read Range(2W ERP)	FCC: > 7.0 m(30.0 ft), on clothes ETSI: > 8.5 m(27.9 ft), on clothes
Physical Features	
Dimension	53 x 30 mm / 2.09 x 1.18 in
Material	PVC
Weight	3.4 g
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Survival Temperature	-40°C to 85°C / -40°F to 185°F
Storage Condition	20±5°C, 50±10% RH, Store away from sunlight
IP Rate	IP68
Other Features	
Installation	Hang
Customization	Printing, Encoding, Designing, etc.
Package	200 pcs / box

Radiation Pattern



PS: The performance is theoretical values in the lab and the actual effect depends on the specific applications.



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