

RFID Fabric Care Label

● **Profile**

An ideal solution for apparel tag, garment rental etc.
Both aluminum etching inlay and eco-friendly inlay available.

● **Technical Specification**

- 1, Frequency: EPC C1 Gen2 working on global frequency 860MHz to 960MHz, compliance ETSI & FCC.
- 2, Waterproof, dust proof
- 3, Read Distance: Up to 3m (depends on reader, antenna and environment etc.)
- 4, Available with EPC encoding, Barcode and human visible information
- 5, Available with 4-color printing
- 6, Custom dimension and inlay

● **Physical Dimension & Structure**



Al-etching RFID Care Label



Eco-friendly RFID Care Label



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● **Specification**

1. Physical Characteristics	Description
Protocol	EPC Class 1 Gen 2/ISO 18000-6C
Manufacture / IC	IMPINJ Monza R6, R6-P NXP UCODE 7/8
EPC / TID /User Memory	MR6: 96bits/48bits/0bits MR6-P: 128bits/48bits/32bits U7: 128bits/48bits/0bits U8: 128bits/48bits/0bits
Base Material	PET + Aluminum + Micro-Chip
Antenna	Etched Aluminum (10μm) + PET (50μm)
Operating Frequency	ETSI,FCC
Operating Mode	Passive
ESD Voltage Immunity	Max.2000V Human being mode(HBM)
2.Environment & Package	Description
Operating Temperature/Humidity	-40°C to +70°C, 20% to 90% RH Non-condensing;
Storage	-25°C to +50°C, ,20% to 90% RH Non-condensing
Bending diameter	>50 mm
Static pressure	<10 MPa
Package	5000 pcs/ roll, 4rolls/Carton
3. Delivery Formats	Description
Quality	100% tested with out-of-tolerance inlay marked
Inner core diameter	76 mm/3 inch

● **Applications:**

- Apparel management
- Footware management
- Retailer

● **Package Info.:**

- ESD Package Box, 5,000Pcs/Roll, 4/8 rolls/Ctns.
- Packing in roll for printing and cutting at customer



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