

Fabric Laundry Tag Specification

Fabric laundry tag is especially suitable for clothing and linen industrial washing, which can withstand industrial washing resistance for more than 200 times .
100% function tested by Voyantic Performance Tester.

1. Environmental Resistance

Store Temperature: $-40^{\circ}\text{C} \sim +120^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +248^{\circ}\text{F}$)

Operating Temperature:

(1)Ironer: 180°C @ 15 sec, 200 cycles

(2)Dryer: 85°C @120min, 200 cycles

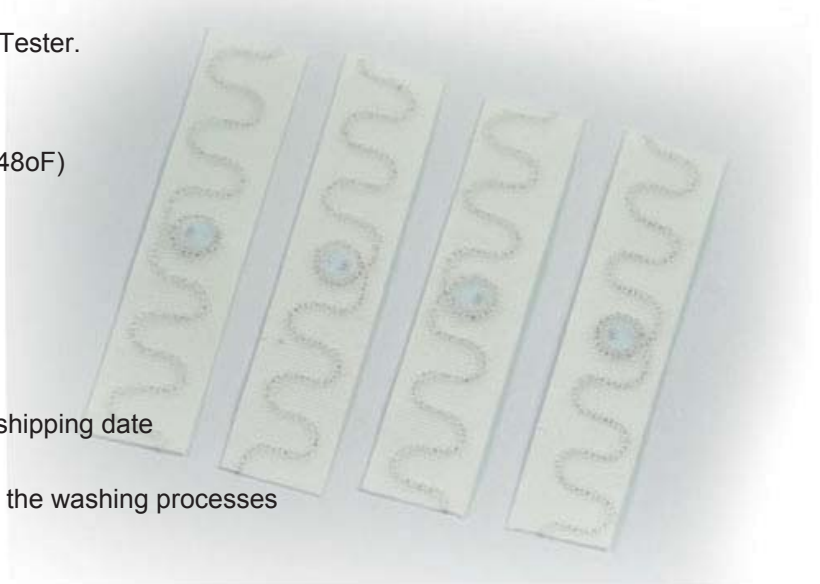
120°C @ 60 min,200 cycles

150°C @ 20min,200 cycles

Pressure Resistance: Up to 56 bars

Wash Cycle: 200 wash cycles or 3 years from shipping date
(whichever comes first)

Chemical Resistance: All common chemicals in the washing processes



2. Electrical Specification

Air Interface Protocol: EPC Class1 Gen2, ISO18000-6C

Device Type: Passive UHF Transponder

Operational Frequency: 865 ~ 868MHz, or 902 ~ 928MHz

IC Type: NXP Ucode 7M

Memory: EPC 128bits

User:32bits

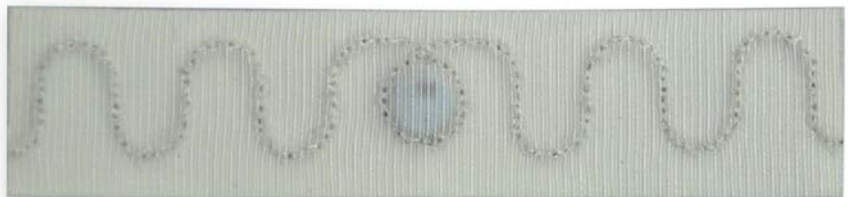
Password:32bits

TID: 96bits

Data retention: 10 years

Polarization: Line polarization

Function: 100% tested



3. Personalization Options

Pre-encoding

Laser engraving

Customized logo engraving

Customized size of tag

Customized chip of tag

Customized frequency

4. Mechanical Specification

Dimensions: Lx Hx W 70x15x1mm

2.756x0.59x0.0394 inch

Tag Material: Fabric

Weight: ~0.90g

Deliver format: Single

Color: White