



# Datasheet

## Marathon Timing Tag

### 1.Product Photo



## Directly Printable 9424 Foam UHF RFID Tag DogBone Alternative Marathon Sports Timing Tag

### 2.Features

- \* Ready to apply to Marathon Bibs.
- \* Ensure highly accurate time measurement for runners.
- \* 3mm foam spacer.
- \* Excellent read range.
- \* Optional printing and encoding.
- \* Light weight and disposable.
- \* Common applications: marathons, ultrathons, and sprint races.
- \* Printable and programmable for high accuracy race timing using select RFID enabled Thermal Transfer printers.

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### 3. Technical Parameters

Protocol	EPCglobal UHF Class 1 Gen 2 (ISO 18000-6C)
Frequency	860-960MHz
Inlay Size	94*24mm
Tag Size	100*30*3mm
Chip	NXP UCODE 9
EPC Memory	96 bits
Read Range	Up to 6.1 m (20 ft)
Applicable Surface Materials	On number bibs(Tyvek paper, waterproof, not able to be torn up)
Tag Material	Printable PE foam(thermal transfer)+inlay
Recommended Ribbon	Resin or mixed-based ribbon
Attachment Method	High performance permanent adhesive with excellent bonding

### 4. Application





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## 5.Warnings

5.1. When transporting and using, avoid contacting with water; no violent impact, no squeezing and no bending on the chip area.

5.2. Temperature and Humidity

Operating temperature/humidity:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}/20\% \sim 90\% \text{ RH}$ .

Storage temperature/humidity:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}/20\% \sim 90\% \text{ RH}$  (non-condensing).

Suggested storage temperature/humidity:  $20^{\circ}\text{C} \sim 30^{\circ}\text{C}/50\%$ .

## 6.Packing

6.1. Packing method: in roll, electrostatic bag+carton

6.2. Shipment quantity: 1000pcs/roll, 4 rolls per carton

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