

RFID FOAM TAG



Race timing RFID foam tags are ready to apply to Marathon Bibs; designed to ensure athletes receive the most accurate measurement of their timings while they race.

TYPICAL APPLICATIONS

- Marathons and Ultrathons
- Sprint Races

SPECIAL FEATURES

- Excellent read range
- Optional printing and encoding
- Extra Strong adhesive
- Light Weight & Disposable

PERSONALIZATION OPTIONS

- Customer specific encoding of EPC
- Customised printing of logo, text, barcodes etc.

PHYSICAL SPECIFICATION

Foam Tag Dimensions	99 x 31.75 x 3.0 mm 3.89 x 1.25 x 0.12 in
Weight	2.4 g
Delivery Format	Roll -1000 tags per roll/ carton
Core inner diameter	76 mm / 3 in

RF SPECIFICATION

Mode of Operation	Passive
Device type	Class 1 Gen 2 passive UHF RFID transponder
Air interface protocol	EPC and ISO 18000-63 compliant Gen2 v 2 compliant
Operational frequency	Global 860-960MHz
IC type	IMPINJ Monza R6-P
Memory Configuration	EPC Size upto 96 Bits, 96 Bits of Serialized TID with 48 Bits Unique Serial Number
Data Retention	Upto 50 years
Read range (2W ERP)*	Upto 20 feet

* Above indicated read range values are measured in our test lab environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may have an effect on performance.

ENVIRONMENTAL RESISTANCE

Operating Temperature	-20°C to +70°C / -4°F to +158°F
Ideal Storage Condition	+23°C / 50% RH

PERSONALIZATION OPTIONS

Pre-encoding

- Customer specific encoding of EPC or user memory.
- Locking permanently or with password

Customized Printing

- Customer specific layout including logo, text, numbers, barcodes etc.