



DESCRIPTION

UHF RFG (Bib Tag) is manufactured using Smartrac Dogbone dry inlay and designed for marathon racing solutions. It offers excellent performance in demanding environments.

(Bib Tag) has good tolerance to the detuning effect of high dielectric materials, providing effective global performance even on difficult-to-tag materials.

They are available with the NXP UCODE G2iM chip with very good memory blocks.

Specification

PHYSICAL CHARACTERISTICS

Inlay size	97 mm X 27 mm
Label size	97 mm X 27 mm
Adhesive	3M
Delivery format	Single
No. of labels/Reel	N/A
Pitch	N/A
Core Inner diameter	N/A
Available face material	PET/Paper

ENVIRONMENTAL RESISTANCES

Operating temp.	-40 °C to 85 °C -40 °F to 185 °F
Relative humidity	5-95% Non-Condensing
UV Resistant	No

PERSONALIZATION OPTIONS

Encoding	Possible
Customized printing	Possible

RFID SPECIFICATIONS

Operating mode	Passive
Frequency Band	UHF 860 - 960 MHz
RF protocol	ISO 18000-6C, EPC Class 1 Gen 2
IC	NXP UCODE G2iM
Functionality	Read/Write
EPC memory	256 bits/ up to 448 bit
TID memory	96 bit
User memory	640 bit
Web Width	100 mm / 3.937 in
Access password	32 bit
Kill password	32 bit
Write cycle endurance	2,00,000 cycles
Read range	up to 15 meters
Tamper proof	N/A
RoHs	EU Directive 2011/65/EC and Directive (EU)2015/863