

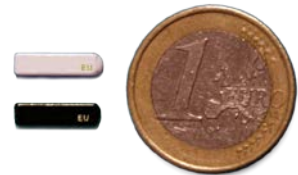
RFID Tool Tag

These metal tags are the world's smallest passive UHF EPC Class 1 Gen 2 tags. They are ideal for tracking of tools and medical devices. The tag series is designed to comply with the most stringent FDA requirements for medical devices and the tags will withstand repeated autoclave sterilization cycles.

The tag size is only 12.3 x 3.2 x 2.3 mm with a read distance of up to 2 m. The extremely low profile and ability to be mounted directly on metal parts or embedded in metal allows small tools and medical instruments to be RFID-enabled at the point of manufacture.

Applications:

- Surgical instrument management
- Medical device tracking
- Tool tracking
- Source tagging



Picture shows app. original size

Features:

- World's smallest RFID metal tag
- Can be embedded in metal
- Withstands repeated autoclave cycles
- Designed to meet FDA requirements

Product Specification On-Metal Tag (black casing):

RFID:	EPC Class 1 Gen 2 (ISO 18000-6C) 512 bits user memory Passive UHF RFID transponders with 64 bits unique TID
Frequency:	866-868 MHz (EU)
Read range:	Up to 2 m @ 4 W EIRP (2 W ERP)
Dimensions:	12.3 x 3.2 x 2.3 mm
Mounting recommendation:	Epoxy, embedded
Weight:	0.5 g
Operating temperature:	-30 °C to +85 °C
Storage temperature:	-40 °C to +150 °C
Protection class:	IP68

Product Specification In-Metal Tag (white casing):

RFID:	EPC Class 1 Gen 2 (ISO 18000-6C) 512 bits user memory Passive UHF RFID transponders with 64 bits unique TID
Frequency:	866-868 MHz (EU)
Read range:	Up to 1.5 m @ 4 W EIRP (2 W ERP)
Dimensions:	12.3 x 3.2 x 2.3 mm
Mounting recommendation:	Epoxy, embedded
Weight:	0.5 g
Operating temperature:	-30 °C to +85 °C
Storage temperature:	-40 °C to +150 °C
Protection class:	IP68