

PRODUCT DATASHEET

GLOBAL TAG **MICROTY**



Global Tag **MICROTY** is a very small UHF **On-Metal** tag, that has been designed for indoor and outdoor uses where long range readings are required. Its competitive advantages are represented by the several application ways: it can be applied through 3M adhesive, through cable tie thanks to its special holes, with iron wire or with magnet (provided by Global Tag)

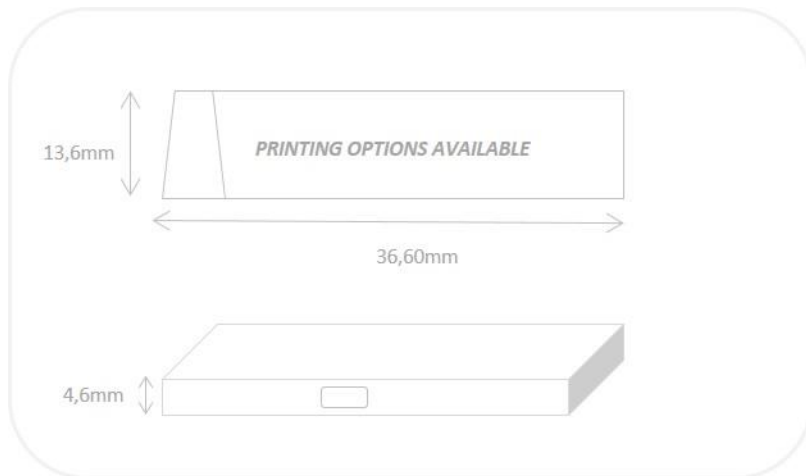
Different customizations are available, as EPC encoding, serial number engraving, QRcode, barcode or logo printing and some other options on demand.

It's the best solution for maintenance application, tracking of production steps, container traceability and every application where the main requirement is a tag for metal surfaces.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 37,6x13,6x4,6mm / 1,48x0,54x0,18 inches



Mounting System: Adhesive (3M 300LSE), cable tie, magnet, iron wire.

Weight: 2,2 gr.

Material: PC

Color: Generally black – Printable surface

Class Protection: IP67 (Totally protected against ingress of solid / Protected against short periods of immersion in water.)

Storage Temperature: -20°C (for 3h) to +70°C (for 2h) (for any other particular request contact us)

Operating Temperature: -20°C to +70°C

Weather Ability: Very Good, including UV resistance and sea water

Delivery format: Singulated

Expected lifetime: 10 Years in normal operating conditions

Certificate: EPC Global



AVAILABLE CHIP SPECIFICATION

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-6C
IC Type Available	Monza R6, other on-request
Read Range	Up to 4/5meters (fixed reader) Up to 2,5 meters (handeld reader)

CUSTOMIZATION OPTIONS

Printing options: serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on request.

Silk Printing : 2-colors logo printing.

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.

INSTALLATION MODE

With 3M 300LSE Adhesive model: when mount the tag with adhesive background, clean and dry the surface for obtaining maximum bond strength.

With cable tie / Iron wire: Thanks to its special holes, you can apply the RFID HF Microty using cable ties or iron wire

Magnete: Microty is available also with magnete to be applied to metal surface in an easy way. Global tag can supply both UHF tag and magnete.

APPLICATION NOTE

On-Metal Bins management: **MICROTY** can be used to track and manage bins even when they are outdoors or in harsh conditions.

On Metal Waste bin management: **MICROTY** can be applied on-metal waste bins.

Logistics, supply chain and Yard management : **MICROTY** is ideal for track and monitor container, pallets, carts, construction vehicles or again other metallic components.

On-Metal assets maintenance: **MICROTY** is a tag designed to improve maintenance service with its easy way for on –metal surface application.

Metal tubes maintenance: **MICROTY** is the best solution for tube tracking and maintenance, thanks to its holes for cable tie

ORDER INFORMATION

Standard product is made with Monza R6 chip

PRODUCT CODE: GT-MCRTY-MR6

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

Global Tag Srl – Via Zanardelli 13/A, 25062 Concesio (BS) - Italy

P +39 030 2005259

S global-tag

W www.global-tag.com

M sales@global-tag.com



DISCLAIMER

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Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

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