

PRODUCT DATASHEET

GLOBAL TAG **MICROTY**



Global Tag **MICROTY** is a small RFID UHF **On-Metal** tag, that has been designed for indoor and outdoor applications. Its competitive advantages is 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 magnets.

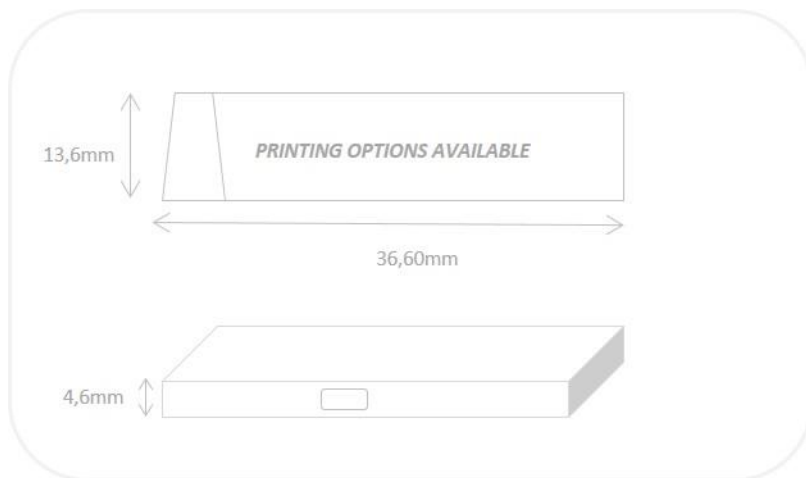
Different customizations are available, as EPC encoding, serial number engraving, QRcode, barcode or logo printing and some other options on demand.

It's the best solution for maintenance application, tracking of production steps, container traceability and application where harsh environments are expected.



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: IP68 (Totally protected against ingress of solid / Protected against short periods of immersion in water.)

Storage Temperature: -40°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: Individual

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, Monza R6-P other on-request
Read Range	Up to 4/5meters (fixed reader) Up to 2,5 meters (handeld reader)

CUSTOMIZATION OPTIONS

Printing options: Printing or laser engraving of serial progressive number from database, codes from database 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: before mounting the tag with glue, clean and dry the surface to obtain the maximum bond strength.

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

Magnet: Microty is available also with magnet to be applied on metal surfaces in an easy way.

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 the maintenance service with its easy way for on –metal surface application.

Metal pipe maintenance: **MICROTY** is a suitable solution for metal pipe tracking and maintenance, thanks to its holes for cable tie

ORDER INFORMATION

Standard product is made with Monza R6-P chip

PRODUCT CODE: GT-MCRTY-MR6P

Please contact us for more information:

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