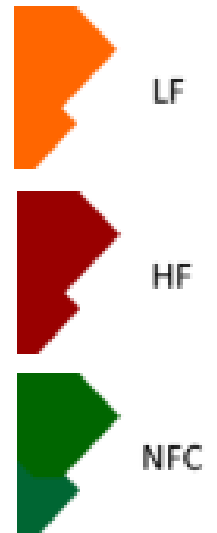


RFID TOKEN "TOKKY34"



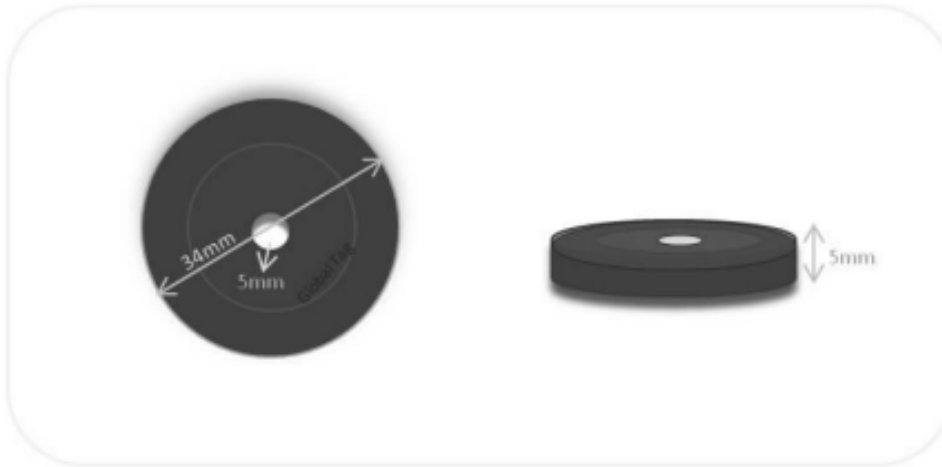
Global Tag **ON-METAL TOKKY 34** is a round RFID hard tag, suitable for both metal and non-metal surfaces. This IP68 transponder can be mounted in indoor and outdoor environments, ensuring reliable identification even in harsh and demanding conditions.

ON-METAL TOKKY 34 has a 34 mm diameter and a 5 mm internal hole: it can be mounted on every surface through screws, rivets or with the backside 3M glue, allowing quick and secure installation across a wide range of industrial applications.

For the most industrial uses, the optional resin injection makes the tag highly strong and resistant, improving its durability against mechanical stress, chemicals and environmental exposure, and extending its lifespan in challenging environments, while maintaining consistent performance over time.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 34mm diameter / 1,34in diameter



Mounting System: Rivet / screw hole ϕ 5mm (0,20 in) and/or adhesive (3M). Optional 2or 3mm Foam.

Weight: 4,4gr.

Material: High Quality ABS (for case) – Optionally Foam (for support layer)

Color: Generally dark grey or white. Other colors can be provided

Class Protection: IP68 (Totally protected against entry of solid / Protected against long immersion intervals)

Storage Temperature: -55°C (for 3h) to +120°C (for 2h in the oven) / -67°F (for 3h) to +248°F (for 2h in the oven)

Operating Temperature: -25°C to +85°C / -13°F to +185°F

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

Delivery format: Individual

Expected lifetime: Years in normal operating conditions

Chemical resistance:

No physical or performance changes in (tested up to, more hours can be):

- 200 hours Motor oil immersion
- 200 hours Salt water (salinity 10%) exposure
- 200 hours H₂SO₄ Sulfuric acid (10% pH 2) exposure
- 24 hours NaOH Caustic Soda (10%, PH 13) exposure
- 24 hours HCl Muriatic Acid (10%) exposure
- 24 hours Na₂CO₃ Soda Solvay
- 24 hours NH₃ Ammoniac (5% to 25%)

CHIP SPECIFICATION AVAILABLE:

	LF 125Khz	HF 13,56MHz
Device type	N.D.	N.D.
Air interface protocol	N.D.	ISO14443 and ISO15693 and NFC
IC Type Available	TK4100, T5577, EM4200, other on request	I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, N-tag213, other on-request
Size Inlay	30mm diameter	30mm diameter
Read Range	Up to 10cm	Up to 10cm

CUSTOMIZATION OPTIONS:

Printing laser engraving: Serial UID, serial progressive number from database, randomize number from database text. Other customization on required.

Silk Printing : 4-colors printing logo (depends from logo type)

Pre-Encoding: Customer specific encoding LF or HF (ISO15693 or ISO14443) user memory. For NFC chip encoding memory with different type of NFC (E-mail, URI etc.)

Resin: This option helps to make the tag stronger and the antenna more stable.

INSTALLATION MODE:

3M 467MP Adhesive: when mounting the tag with backside adhesive, clean and dry the surface in order to get the maximum bond strength.

2mm Foam: To improve the adherence when the tag is mounted on irregular surfaces.

Screws: Size M5.

Pop Rivet: Size 4mm.

APPLICATION NOTE:

Asset management: ON-METAL TOKKY 34 with small size and hole, can be used to track and manage assets even when they are outdoors or in harsh conditions. With adhesive, and also with screws, it's very easy to be mounted.

Production management: ON-METAL TOKKY 34 helps to track and trace all production steps inserting in memory all information for quality control, production batch, timing of production and so on.

Maintenance: ON-METAL TOKKY 34 is a strong tag designed to improve the maintenance service (for example of lift, electric panels).

Management of security patrols: ON-METAL TOKKY 34 is a great solution for check points of security for security patrols company.

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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