

RFID ON-METAL PVC TAG



Global Tag **OM PVC TAG** is an anti-metal RFID tag, available in LF 125 kHz, HF 13.56 MHz (ISO14443 and ISO15693) and NFC (HF ISO14443), designed for reliable identification on metallic surfaces.

Available in different sizes and shapes, the on-metal PVC tag can be easily applied to objects using strong 3M adhesive, ensuring secure fixing in both indoor and outdoor environments, with IP68 protection.

For outdoor applications, the tag can be enhanced with additional features such as anti-UV treatment, special overlay to protect printed information, and laser engraving for variable data, ensuring durability and long-term readability even in harsh conditions.

Its flexible design and wide range of customization options make it suitable for various industrial and identification applications requiring reliable performance on metal surfaces.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: D15mm, D18mm, D20mm, 20*20mm, D23mm, D25mm, 25*25mm; others on request

Thickness: 1,3mm

Mounting System: Adhesive 3M 467; optionally, some tag models can be provided with central hole (to be mounted with screws/rivets)

Weight: depends on size

Material: PVC

Color: generally white, other colors are available on demand

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C to +75°C / -67°F to +158°F

Operating Temperature: -25°C to +50°C / -13°F to +122°F

Delivery format: Individual

Expected lifetime: Years in normal operating conditions

AVAILABLE CHIP SPECIFICATION:

	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, other on request	I-Code SLIX, Mifare Ultralight, Mifare Classic 1K, Ntag213, Ntag216, other on-request
Size Inlay		
Read Range	Up to 15cm	Up to 7cm

CUSTOMIZATION OPTIONS:

Silk Printing: W/B or 4-colors logo printing

Pre-Encoding: Customized encoding for LF, HF (ISO15693 or ISO14443) or NFC user memory

Size/Form: Design, size and form of the tag can be created together with the customer according to the project's requirement

INSTALLATION MODE:

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

With screws/rivets: optionally, some models can be provided with central hole

ORDER INFORMATION:

PRODUCT CODE: GT-OMPVCyy-xx

(yy defines the size; xx defines type of chip)

Please, 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:

The information in this document is subject to change without notice. Global Tag assumes no responsibility for any errors that may appear in this document. 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. Global Tag Srl or its subsidiaries are not responsible for the performance or support of third party products and does not make any representations or warranties whatsoever regarding quality, reliability, functionality, or compatibility of these devices or products.

© Copyright 2025 - Global Tag Srl