T-REXY MULTIFREQUENCY



LF

HF

NFC

UHF

CE RoHS

Global Tag T-REXY Tag is a very heavy IP68 transponder which can be supplied in ABS or Nylon material. It is available in LF, HF (and NFC), UHF or with Dual Frequency chip integrated in the same hardware.

T-REXY can be glued or screwed (thanks to the lateral holes) on each surface, also On-Metal surfaces. Different customizations are available, such as color, UID, QRcode or serial number engraving, strong adhesive with foam.

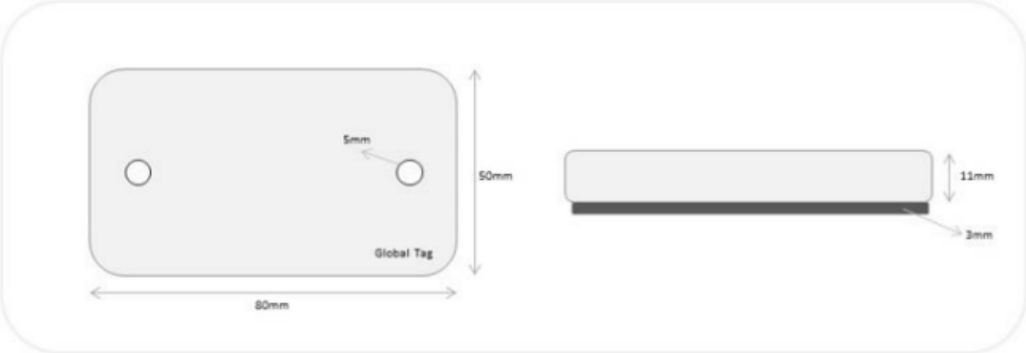
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 80x50x14mmm (with 3mm foam + adhesive) / 3,15x1,96x0,55 in

Weight: 15gr.

Material: High Quality ABS or Nylon (for case) – Foam with 3M 467 adhesive (for support layer)

Color: Generally white grey – Optionally any other colors are available
Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)
Storage Temperature: -55˚C (for 3h) to +100˚C (for 2h) / -67˚F (for 3h) to +230˚F (for 2h) (for any other particular request contact us)
Operating Temperature: -25˚C to +85˚C / -13˚F to +185˚F
Weather Ability: Very Good, including UV resistance and sea water
Delivery format: Singulated
Expected lifetime: Years in normal operating conditions



TYPES OF RFID CHIPS:

LF: Available with TK4100, T5577. Other on request.
HF: Available with I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRi2k, Ntag213, Ntag216, other on request.
UHF: Available with NXP Ucode8 or Alien Higgs9 chip. Others on request.

DUAL FREQUENCY SOLUTIONS AVAILABLE:

T-REXY can be made with integrated with two different inlay* for dual frequencies solutions. Many different schemes are available:
LF + HF ISO15693
LF + HF ISO14443
LF + UHF ISO18000-63
HF ISO14443 (or NFC) + HF ISO15693
HF ISO14443 (or NFC) + UHF ISO18000-63
HF ISO15693 + UHF ISO18000-63
*All solutions are available with chip as over descripted

CUSTOMIZATION OPTION:

Printing laser engraving: Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on required.
Silk Printing : 4-colors printing logo
Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code. On Dual Frequency type, insert in EPC UHF serial UID of LF or HF inlay.

INSTALLATION MODE:

With 3M 467MP Adhesive model: when mounting the tag with adhesive background, clean and dry the surface for obtaining maximum bond strength.
For more information about adhesive check at this link:
http://multimedia.3m.com/mws/media/104064O/high-performance-adhesivetransfer-tapes-with-3m-adhesive-200mp.pdf
With Screws: Size M4.
With Pop Rivet: Size 4mm. We have available rivet and also optional Manual pistol rivet

APPLICATION NOTE:

Asset management: T-REXY can be used to track and manage corporate asset even when they are outdoors or in harsh conditions. By using adhesive or screw, it's very easy to applied.
Production management: T-REXY helps to track and trace all production steps, by inserting all information in memory for quality control, production batch, timing of production and so on.
Logistics, supply chain and Yard management: T-REXY is made to control container, pallets, carts, vehicles construction or again trains and rails.
Waste bin management: T-REXY can be applied on waste bins made of plastic or metallic material

Maintenance: T-REXY is a strong tag designed to improve maintenance service.

ORDER INFORMATION:

Standard product is made with ABS Material and Foam adhesive 3mm

- **PRODUCT CODE**: GT-TRXY-xx (xx defined type of chip required)

On request we can made this tag with Nylon Material and Foam adhesive 3mm

- **PRODUCT CODE:** GT-TRXY_B-xx (xx defined type of chip required)

Other order type can be without Foam adhesive:

- **PRODUCT CODE:** GT-TRXY_NA-xx (xx defined type of chip required) - ABS material
- **PRODUCT CODE:** GT-TRXY_BNA-xx (xx defined type of chip required) - Nylon material

DISCLAIMER:

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