

PRODUCT DATASHEET

GLOBAL TAG **FOAMY**



Global Tag **FOAMY** is low cost and great ductile transponder. Available in HF, NFC or UHF frequency can be attached on all different surface as irregular surface, metal surface or textile surface.

FOAMY can be supplied also with label and foam separately for easy printing way during application. Label is supplied in reel.

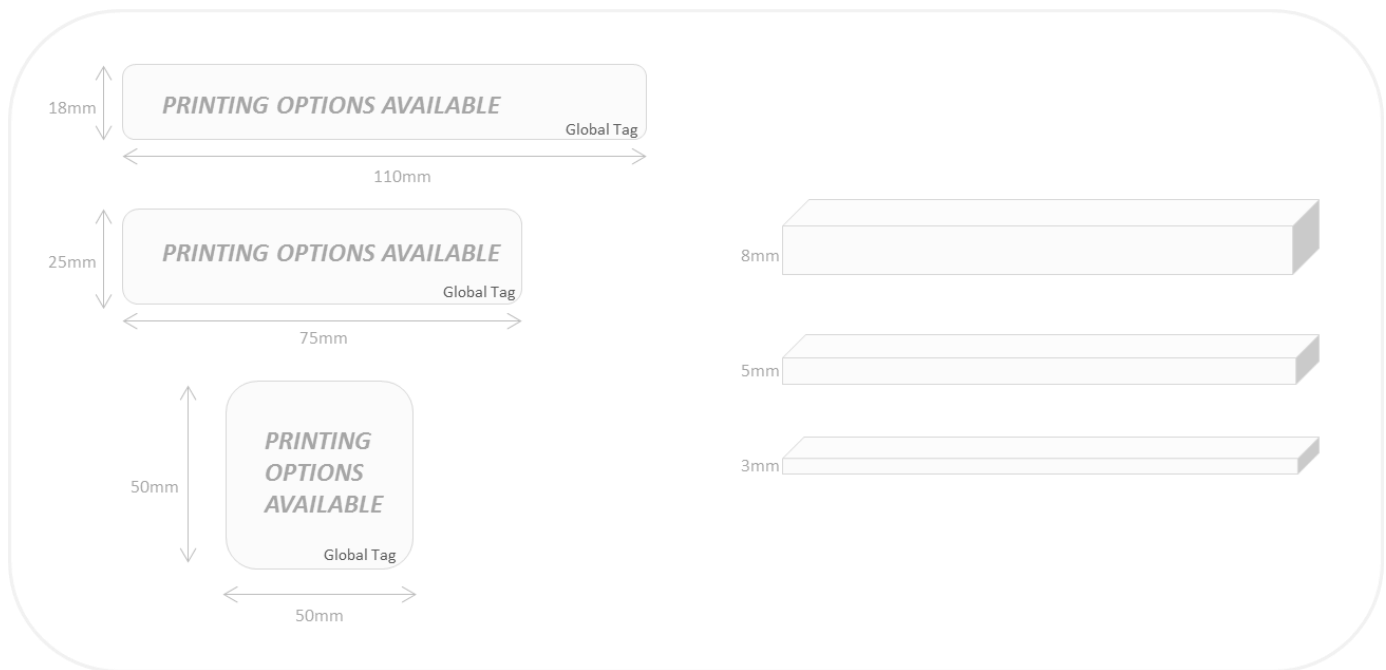
Are available different customization as size Foam, UID or EPC number, logo or progressive number 4-colors printing.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 110x18mm	/	4,33x0,70in	Thickness: 8mm or 5mm or 3mm	(0,314in or 0,196in or 0,118in)
75x25mm	/	2,95x0,98in	Thickness: 8mm or 5mm or 3mm	(0,314in or 0,196in or 0,118in)
50x50mm	/	1,97x1,97in	Thickness: 8mm or 5mm or 3mm	(0,314in or 0,196in or 0,118in)

Other size and thickness are available on request



Mounting System: Adhesive 3M 467 (other type of adhesive on request)

Weight: 1,5gr.

Material: PET Glossy (for Label) – Foam with 3M 467 adhesive (for support layer) # Available also PET Matt surface (for Label) or without PET layer

Color: White Foam

Class Protection: IP54 (Limited protection against dust ingress. (no harmful deposit), / Protection from splashed water)

Storage Temperature: -40°C to +80°C / -40°F to +176°F

Operating Temperature: -25°C to +65°C / -13°F to 149°F

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

Delivery format: Singulated

Expected lifetime: Some years in normal operating conditions



CHIP SPECIFICATION AVAILABLE

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443 and ISO15693 and NFC	ISO18000-63
IC Type Available	I-Code SLIX, Mifare Ultralight, Mifare Classic 1K, Ntag213, Ntag216, other on-request	Alien Higgs3, Alien Higgs 4, Monza 5, other on-request
Size Inlay	26x44mm or 30mm or 45x45mm	98x12mm or 73x21mm
Read Range	From 2 to 50cm	Up to 7/8meters

CUSTOMIZATION OPTIONS

Silk Printing: Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on required. 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 NTag203 chip (NFC) encoding memory (mailto, URI or other information) from database.

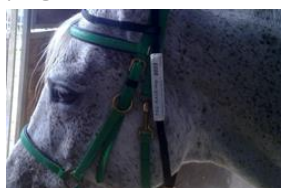
INSTALLATION MODE

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/1040640/high-performance-adhesive-transfer-tapes-with-3m-adhesive-200mp.pdf>

APPLICATION NOTE

Sport Race Timing: **FOAMY** in a configuration 110x18x8mm is been used to control timing in sport race as Marathon, Horse endurance race, Mountain bike. We have defined a new name for this particular product that is **T-RACY** and can be customized with logo of race and also progressive race number



Asset management: **FOAMY** is used in asset management to attached transponder on irregular surface or metal object.. Also can be used when it's request printing options with printer. In this case PET label and FOAM support are supply separately.

Maintenance: **FOAMY** can be used in the same manner as for asset management explain over.

ORDER INFORMATION

Standard products is made with Label (or wet-inlay) and foam integrated

PRODUCT CODE 50x50mm: GT-FMYH%50-xx (% defined thickness request - xx defined type of chip required)

PRODUCT CODE 75x25mm: GT-FMYU%75-xx (% defined thickness request - xx defined type of chip required)

PRODUCT CODE 110x18mm: GT-FMYU%110-xx (% defined thickness request - xx defined type of chip required)



On request we can made this tag with FOAM and label separately (label is supplied in reel)

PRODUCT CODE 50x50mm: GT-FMYH%50s-xx (% defined thickness request - xx defined type of chip required)

PRODUCT CODE 75x25mm: GT-FMYU%75s-xx (% defined thickness request - xx defined type of chip required)

PRODUCT CODE 110x18mm: GT-FMYU%110s-xx (% defined thickness request - xx defined type of chip required)

For other information or customized request:

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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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