

PRODUCT DATASHEET

GLOBAL TAG **PATCHY**



Global Tag **PATCHY** is a RFID (or, optionally, NFC) silicone tag designed for the object tracking and identification in indoor and outdoor environments.

The main features of this RFID tag are the flexibility, the durability and the high degree of resistance to water and chemicals.

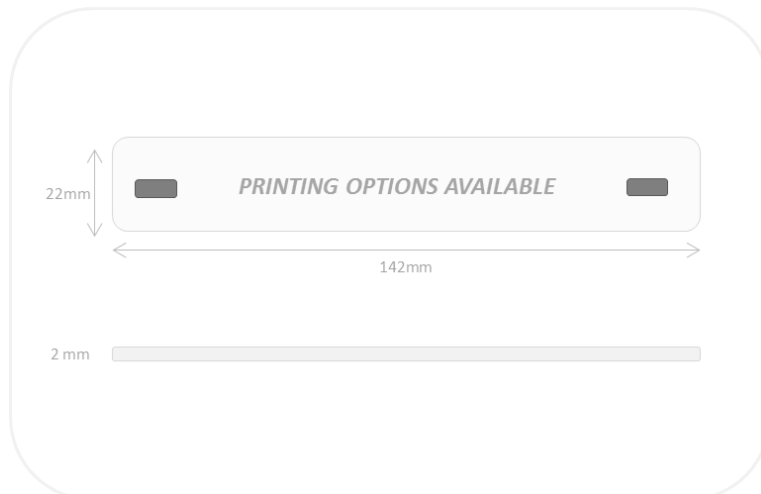
The two side holes make the tag mounting quick and easy.

Patchy is suitable for several projects such as asset management, pallet tracking, identification and maintenance of park public trees.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 142x22x2mm (holes 7x4mm)



Weight: 8gr.

Material: Silicone

Color: White/Grey, other colors as option

Class Protection: Washable resistant

Storage Temperature: -55°C (for 3h) to +120°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

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%)

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product's final suitability for certain environmental conditions is recommended to be tested. We are available for other information.



CHIP SPECIFICATION AVAILABLE

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443, ISO15693 and NFC	ISO18000-6C
IC Type Available	I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, N-Tag213/216, others on-request	U-Code8, Alien Higgs9, others on request
Size Antenna	Depends on selected IC chip.	98x12mm; others on request
Read Range	Up to 20cm	Up to 8meters

CUSTOMIZATION OPTIONS

Silk Printing: 4-colors logo, serial number, QR or barcode, EPC number.

Pre-Encoding: EPC or User Memory encoding (even from customer database). Permanent or password lock. Insert into Database TID code.

APPLICATION NOTE

Maintenance

Asset tracking in outdoor environment

Pallet tracking

ORDER INFORMATION

PRODUCT CODE: GT-PTCHY-XX (XX is the selected IC chip)

Contact us for more information:

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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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