

PATCHY SILICONE RFID TAG



Global Tag **PATCHY** is an RFID (or, optionally, NFC) silicone tag designed for object tracking and identification in both indoor and outdoor environments. Its flexible and durable structure allows easy application on different types of assets without affecting their functionality.

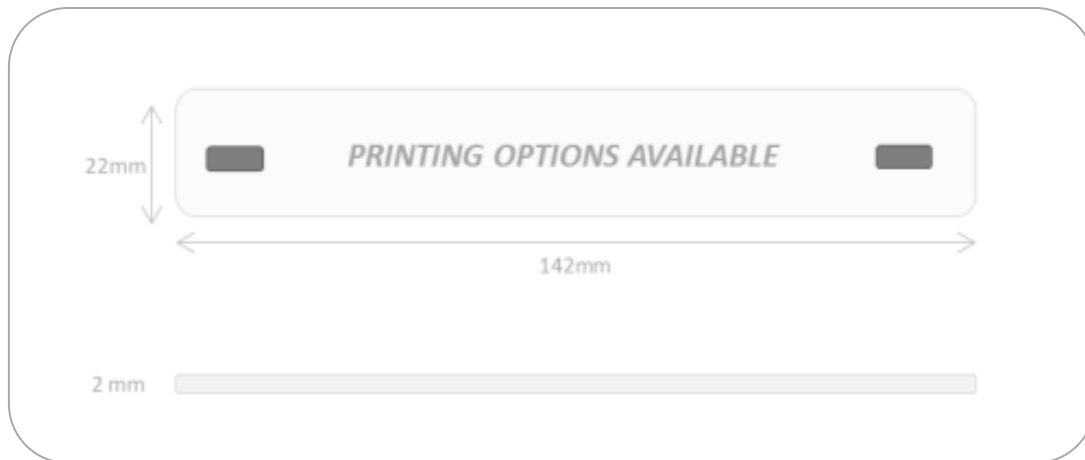
The tag offers high resistance to water, chemicals and environmental stress, ensuring reliable performance even in harsh and demanding conditions. The silicone material guarantees long-term durability and consistent operation over time.

The two side holes enable quick and secure mounting using cable ties or similar fastening systems, allowing fast and versatile installation across multiple applications.

Patchy is suitable for a wide range of uses, including asset management, pallet tracking and the identification and maintenance of public park trees, where resistance and long-term reliability are essential.

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

ORDER INFORMATION:

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

Please, contact us for more information:

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