

PRODUCT DATASHEET

GLOBAL TAG **PATCHY**



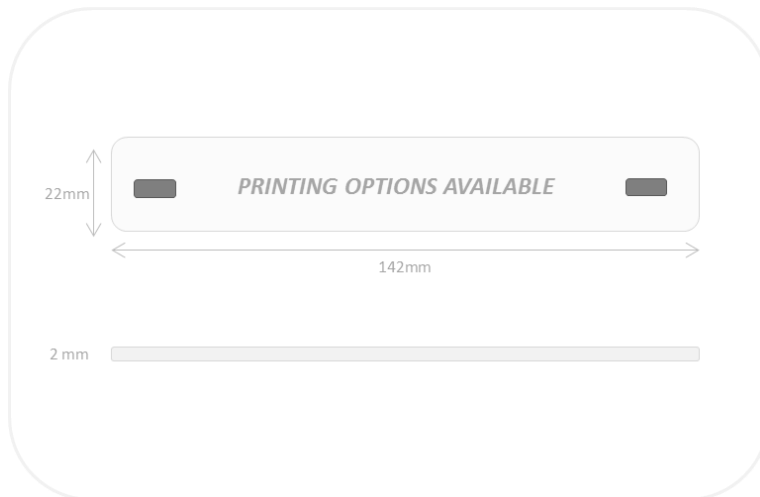
Global Tag **PATCHY**, UHF frequency, is a waterproof, resistant and flexible silicon tag. With two hole can be easily mount on surface.

Are available different customization as printing options, EPC encoding, serial number engraving and any other features on demand.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 142x22x2mm (holes 7x4mm)



Weight: 10gr.

Material: Silicon

Color: White, 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: Singulated

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

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-6C
IC Type Available	Alien Higgs3, Alien Higgs4 other on-request
Size Antenna	Different size available
Read Range	Up to 7meters

CUSTOMIZATION OPTIONS

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

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.

APPLICATION NOTE

Maintenance Application

Tracking good in outdoor environment

ORDER INFORMATION

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT-PTCHY-AH3

For printing options or for produce transponder with different color or with other type of customization...
contact us for more information:

Global Tag Srl – Via Zanardelli 13/A, 25062 Concesio (BS) - Italy

P +39 030 2005259

S [global-tag](http://global-tag.com)

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.

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