

**PRODUCT DATASHEET**
**GLOBAL TAG NAILY UHF**


Global Tag **NAILY UHF** is a RFID UHF nail-shaped tag in ABS material. Its antenna design allows an high performance in terms of detection range.

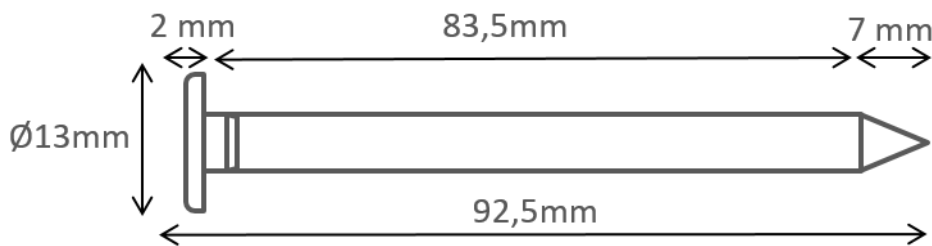
This tag has been designed for application such as asset positioning tracking and asset management, as well as for threes maintenance monitoring.

It can be placed in indoor or outdoor environments, thanks to IP67 protection class.


**MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS**

**Dimensions:** 92,5mm length /  $\varnothing$  13mm head - 3,64 inches length /  $\varnothing$  0,51 inches head

**Body diameter:** 8mm



**Mounting System:** Insertion of the tag in a previously realized hole.

**Weight:** 3,5gr.

**External Material:** ABS

**Color:** Clear Blue (default color)

**Class Protection:** IP67

**Storage Temperature:** -25°C to 85°C / -13°F to +185°F

**Operating Temperature:** -10°C to +65°C / 14°F to 149°F

**Weather Ability:** Very Good

**Delivery format:** Singulated

**Expected lifetime:** Some years in normal operating conditions



## CHIP SPECIFICATION AVAILABLE

|                        | UHF 860-960MHz         |
|------------------------|------------------------|
| Device type            | Class 1 Gen 2          |
| Air interface protocol | ISO18000-63            |
| IC Type Available      | Alien Higgs3,          |
| Antenna length         | 83 mm                  |
| Read Range             | Up to 5meters (2W ERP) |

## CUSTOMIZATION OPTIONS

**Color:** Nailly UHF can be delivered in different colors, also starting from a Pantone code supplied by customer

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

## APPLICATION NOTE

Trees maintenance and control  
Asset management

## ORDER INFORMATION

**PRODUCT CODE:** GT-NLY\_U-xx (xx defined type of required chip)

For other information or customized request:

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

P +39 030 2005259

S [global-tag](mailto:global-tag)

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

M [sales@global-tag.com](mailto:sales@global-tag.com)

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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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