

PRODUCT DATASHEET

GLOBAL TAG RFID HF & LF NAILY



Global Tag **NAILY** is a nail-shaped RFID tag, so that it can be inserted into previously drilled surfaces.

Made of hard and resistant materials is very suitable for use in the identification of trees and wooden objects.

The head of the nail can be printed with customized full-color logo, QR, barcodes or serial numbers.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: head circumference: 2mm diameter; body length: 42mm

Weight: 2gr.

Material: ABS

Color: White Color

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C (for 3h) to +120°C (for 2h) / -67°F (for 3h) to +248°F (for 2h) (for any other particular request contact us)

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

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

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 Salt water (salinity 35gr/L) exposure

- 200 hours NaClO (25% with water, Bleach) exposure

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

	LF 125Khz	HF 13,56MHz
Device type	N.D.	N.D.
Air interface protocol	N.D.	ISO15693 and NFC
IC Type Available	TK4100, T5577	I-Code SLIX, Mifare Ultralight, NXP Mifare Classic1K, N-tag213
Read Range	3/4cm	3/4cm





CUSTOMIZATION OPTIONS

Pre-Encoding: For NFC chip encoding memory with different type of NFC (E-mail, URI etc.)

APPLICATION NOTE

Maintenance: **NAILY** is used for maintenance in many different environments.

Trees and Plants Traceability: **NAILY**, in particular with HF ISO14443 (NFC) chip, can be used for traceability and marketing information on plants and trees.

ORDER INFORMATION

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

On demand we can also produce transponders with different color or with other type of customization... 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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