

NAIL TAG LF AND HF



HF



LF



Global Tag **NAILY** is a nail-shaped RFID tag designed to be easily inserted into previously drilled surfaces, providing a practical and secure identification solution.

Made of hard and resistant materials, it is particularly suitable for applications where the transponder needs to be firmly integrated into the identified object.

NAILY is especially recommended for the identification and traceability of trees, wooden assets and other similar objects, making it suitable for forestry, maintenance and asset management applications.

The nail head can be customized with full-color logo printing, QR codes, barcodes or serial numbers, allowing both RFID and visual identification to be combined in a single compact solution.

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

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_U-xx (xx defined type of required chip)

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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