

# RFID PIN TAG "FRISBY"



Global Tag **FRISBY** is an NFC and RFID pin tag designed for the tracking and traceability of trees, pallets and objects with drillable surfaces.

Thanks to its pin structure, the tag can be easily installed and removed multiple times, allowing recovery and reuse over time. It can be mounted manually or, for harder surfaces, using a rubber hammer, ensuring flexible installation across different applications and materials.

FRISBY ensures reliable identification in both indoor and outdoor environments, offering good resistance to environmental conditions such as humidity and temperature variations. This makes it suitable for long-term use in both industrial and environmental contexts.

The tag can be customized with logo printing, code or serial number laser engraving, and memory encoding, enabling seamless integration into identification and tracking systems and supporting efficient asset management and maintenance processes.

## MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

**Dimensions:** 35mm  $\phi$ ; 20mm length

**Mounting System:** Manual insertion or by rubber hammer

**Weight:** 3,3gr.

**Material:** ABS

**Color:** White/gray (default); other colors on demand

**Class Protection:** IP65

**Storage Temperature:** -40°C to +80°C / -40°F to +176°F

**Operating Temperature:** -20°C to +80°C / -4°F to 176°F

**Weather Ability:** Very Good

**Delivery format:** Individual

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

## CHIP SPECIFICATION AVAILABLE:

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443 and ISO15693 and NFC	ISO18000-63
IC Type Available	I-Code SLIX, Mifare Ultralight, Mifare Classic 1K, Ntag213, Ntag216, others on-request	Alien Higgs9, U-Code8, U-Code9
Size Inlay	30mm	30mm
Read Range	From 2 to 15cm	Up to 4.5 meters

## CUSTOMIZATION OPTIONS :

**Silk Printing:** Serial UID, serial number, codes from database, barcode or QRCode. 4-colors printing logo. Other customizations on request.

**Pre-Encoding:** Customer specific encoding of EPC or User Memory (also from Database). EPC/Memory lock, permanent or with password. TID/EPC code provided in database.

## INSTALLATION MODE:

Manual inserting

With rubber hammer

### **APPLICATION NOTE:**

Wood pallet tracking  
Threes inventory

### **ORDER INFORMATION:**

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

**For more information, do not hesitate to contact us:**

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