



propatag®

To solve problems of:



Identification
Traceability

RFID & NFC tags, digital technology

Propatag are ID tags of different consistency and sizes, able to transform a physical product into a digital connection device. In this way, the products enter into the Internet of Things (IoT) world, becoming smart objects that can identify and be identified, connect, localize and develop capacities to process data and interact with their external environment.

These tags are divided into **RFID** (Radio Frequency Identification) and **NFC** (Near Field Identification) as per the transmission/reading type and distance.

RFID tags automatically identify and/or store information regarding objects, and are able to respond to remote interrogation coming from readers - special fixed or portable devices.

NFC tags are similar to RFID tags using short range bi-directional transceiving technology (up to a maximum distance of 10 cm).

Combining **Propatag** to products gives the possibility to follow them through the entire supply chain, enabling to track and trace them and identifying their position. In addition, if the product has been previously registered, it is possible to obtain information regarding its characteristics, instructions for its use and life cycle.

Compared to simple barcodes or QR Codes, **Propatag** collect much more data and, above all, they are safer since they can also be protected by a password.

Propatag are manufactured as per the highest quality standards, tested one by one so as to guarantee their functionality, ensuring that the data they contain can be accessed when needed with due precision.



Main applications:

- Retail, which includes supply chain and inventory management, postal identification
- Asset management
- Library
- Pharmaceutical and healthcare
- Industrial Laundry Services
- Warehousing
- Document management
- And much more...

Depending on their application, there is a wide range of **Propatag** with features making them more suitable to the type of use they are needed for.

Tags typologies:

Hard Tags

On Metal Flex 7325

The On Metal Flex tags and inlays are designed to enable end-users to reach and sustain high levels of performance for a wide range of industrial and metal asset management applications.

Antenna size: 73 x 25 x 1,8 mm

Ceramic on metal

Innovative broadband RFID antenna design enables end-users to reach and sustain consistently high levels of performance in all UHF frequency regions for a wide range of industrial and metal asset management applications.

Antenna size: 25 x 25 x 3 mm.





Tags HF

Ntouch

The NTouch tags and inlays offer a high performance, cost-effective IoT connectivity solution for product authentication, smart poster/advertisement, magazine ads and other high-volume applications.

Antenna size: 32 x 15 mm.

Nloop

The NLoop round shaped tags and inlays offer a high performance, cost-effective IoT connectivity solution for product authentication, smart poster/advertisement, magazine ads and other high-volume applications.

Antenna size: \varnothing 23 mm.

Bookmark (prev. Transit)

The Bookmark tags and inlays offer a high performance, cost-effective solution for item-level product authentication, library and pharmaceutical applications. Note: this product was previously known as Transit.

Antenna size: 75 x 45 mm.

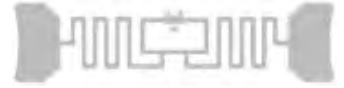


Tags UHF

xWing

The xWing™ tags and inlays are designed to enable end-users to reach and sustain high levels of performance within the area of apparel, brand protection, industrial and supply chain management solutions.

Antenna size: 69 x 17 mm (2.72 x 0.70 in)



Great Wall

The Great Wall™ tags and inlays are designed to enable end-users to reach and sustain high levels of performance within the area of global retail, industrial automation and supply chain.

Antenna size: 94 x 10 mm (3.70 x 0.39 in)



Bullet

The Bullet tags and inlays are designed to enable end-users to reach and sustain high levels of performance within the area of retail, smart packaging and supply chain management solutions.

Antenna size: 41 x 15 mm (1.61 x 0.59 in)



Butterfly

The Butterfly™ tags and inlays are designed to enable end-users to reach and sustain high levels of performance within the area of item-level retail, logistics, and supply chain applications.

Antenna size: 50 x 30 mm (1.97 x 1.18 in)



GEM

The GEM tags are designed to enable high-performance item-level tagging in retail environments and are specially designed for jewelry and eyeglass tagging.

Antenna size: Varies. Please check product sheet

