

## RFID HARD TAG HT082

### MARKETS:



Healthcare



### COLORS:



Yellow Orange Blue

The HT082 is an RFID hard tag made from TPU (Thermoplastic Polyurethane), a non-toxic polymer known for its elasticity, flexibility, resistance to oils and abrasion, and impermeability to water and gas. With its unique funnel shape, the HT082 is an **animal tag** designed for non-metallic surfaces. It consists of a "male" part, measuring 100 x 75 x 13 mm, and a "female" part, with a diameter of 29 mm x 23 mm. These two components are precisely interlocked and applied to the ear of livestock. The HT082 weighs 16 grams and offers **long read distances**: up to 6 meters with a fixed reader and up to 3 meters with a handheld device. It's available in **UHF frequency (both European and US standards)** with the **UCODE 8 chip**, and comes in yellow, orange, and blue.

Custom numbering can be applied using laser or inkjet technology.

### MARKETS

The HT082 boasts an **IP68** rating, making it highly resistant to dust, fumes, and water jets. It's specifically **designed for tracking livestock primarily used in the zootechnical industry**, such as pigs, cattle, and sheep, allowing for the identification of each individual animal. The data collected with this tag can also be used to monitor: the animal's health status, immune status (to prevent the development of inflammatory processes, for example), performance, and the history related to the identified subject.



European frequency (EU) 868 MHz - US frequency 920 MHz

#### RFID features

Chip	Memory	ISO Standard
UCODE 8	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2

#### Technical specification

<b>Application</b>	Non-metal surfaces
<b>IP rating</b>	68
<b>Dimensions</b>	Male part: 100 mm x 75 mm x 13 mm Female part: ø 29 mm x 23 mm
<b>Material</b>	TPU
<b>Weight</b>	16 g
<b>Application method</b>	Joint between male and female part
<b>Operating and storage temperature</b>	-30°C ~ +80°C

#### Customisation

<b>Colours</b>	Yellow, orange, blue
<b>Type of numbering</b>	Laser and inkjet technology

