



HT082 is an RFID hard tag made of TPU, thermoplastic polyurethane, a non-toxic polymer featuring elasticity, flexibility, oil and abrasion resistance, as well as being water and gas proof.

With its distinctive funnel shape, HT082 is **a tag for animals**, thus for non-metal surfaces, comprising a 'male' part – 100 mm x 75 mm x 13 mm – and a 'female' part –  $\varnothing$  29 mm x 23 mm. These two components are attached to the ears of cattle on breeding farms by means of an interlocking device.

In addition, the HT082 weighs 16 grams and **covers large reading distances**: up to 6 metres when read from a fixed device, and up to 3 metres when using a handheld reader.

Available **in UHF – both European**

**and US frequencies – with the UCODE 8 chip**, it comes in yellow, orange and blue.

Finally, numbering can be applied using laser or inkjet technology.

#### **MARKETS**

HT082 has an **IP68** rating, and is highly resistant to dust, smoke and jets of water.

**Designed to track common farm animals used in the livestock industry**, such as cattle and sheep, it allows each animal to be identified.

With the data collected using these tags, the following can also be monitored: health status, immune status for preventing the development of inflammatory processes, performance and history of the subject.



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

## RFID features

Chip	Memory	Standard ISO
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>Operation and storage temperature</b>	-30°C ~ +80°C

## Customisation

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

