



HT072 is an RFID hard tag made of **PEEK**, a thermoplastic material with reduced wear sensitivity, as well as with high impact and high temperature resistance. Rectangular in shape, it **measures 41 x 29 x 9 mm**, weighs 15 grams and can be **screwed** through four holes with a diameter of 2.3 mm **on metal surfaces**.

Its physical characteristics allow it to support very high standards, reaching **peak temperatures at:**

- **300°C for 100 hours;**
- **280°C for 1000 hours;**
- **260°C for 2000 hours;**

In addition, HT072 is available in black, **with UHF frequency - both European and US - and UCODE 8 chip**. Therefore, due to these technical specifications, this RFID hard tag achieves **large reading ranges:** up to **6 metres** with a fixed reader and up to **3.5 metres** with a handheld device.

Both the printing and numbering of HT072 are done using laser technology.

MARKETS

HT072 is **IP68**-rated, giving it a high level of dust and water impermeability.

Finally, thanks to its high resistance to very high temperatures and chemicals, this tag is ideal for **industrial production traceability**.



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 specifications

Application	Metal surface
IP rating	68
Dimensions	41 x 29 x 9 mm; hole: Ø 2.3 mm
Material	PEEK
Weight	15 g
Application method	Screw
Storage temperature	-40°C ~ +85°C
Operating temperature	-60°C ~ +260°C
Peak temperature	+300°C for 100 hours; +280°C for 1000 hours; +260°C for 2000 hours.

Customisation

Colours	Black
Type of printing and numbering	Laser

