

## RFID HARD TAG HT072

### MARKETS:



Industry

### COLORS:



Black

The HT072 is a robust RFID hard tag made from **PEEK**, a high-performance thermoplastic. It has low wear sensitivity and excellent resistance to impacts and high temperatures. This rectangular tag **measures 41 x 29 x 9 mm and weighs 15 grams**. You can apply it to **metallic surfaces by screwing it** through its four 2.3 mm diameter holes. Its physical characteristics allow it to withstand incredibly high temperatures, reaching **peak temperatures of:**  
**300°C for up to 100 hours;**  
**280°C for 1000 hours;**  
**260°C for up to 2000 hours;**

The HT072 is available in black with **UHF frequency (both European and US standards)** and features the **UCODE 8 chip**.

These technical specifications give it **impressive read ranges: up to 6 meters** with a fixed reader and **up to 3.5 meters** with a handheld device. Both printing and numbering on the HT072 are done using laser technology.

### MARKETS

The HT072 has an **IP68** rating, ensuring a high level of dust and water impermeability. Its exceptional resistance to very high temperatures and chemical agents makes this tag **ideal for industrial production traceability**. It's perfect for demanding manufacturing environments where conditions are extreme.



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

