RFID HARD TAG HT005

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HT005 is a high performance, engineering plastic RFID hard tag that is resistant to mechanical stress, chemicals and high and low temperatures. Rectangular in shape, this tag measures **101.85 mm x 25 mm x 7 mm** and can be applied to **metal surfaces or other materials** using screws or an adhesive backing. In particular, if the HT005 tag is **affixed to metal, it can be read up to a distance of 5 metres, while if it is attached to plastic materials, it can be read up to a distance of 3 metres**. In all the cases described above, the reading of the tag depends on the reader, environmental conditions and type of application. Available **in UHF — both European and US — with the UCODE 8, MONZA RP6, MONZA 4QT chips**, this hard tag is dark grey and light grey in colour. It can be customised using laser technology.

MARKETS

HT005 has an IP67 protection rating and plays a very important role in **asset management and logistics**. In fact, it can be used to mark metal or plastic surfaces or other objects such as pallets.

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UHF 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
MONZA R6P	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6P US	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA 4QT	64 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2

Technical specifications

Application	Metal / non-metal surfaces
IP rating	67
Dimensions	101.85 x 25 x 7 mm
Material	Engineering plastic
Weight	10 g
Application method	Adhesive or screws
Operation temperature	-40°C ~ +85°C
Storage temperature	-20°C ~ +70°C

Customisation

Colours	Dark grey, light grey
Type of printing and numbering	Laser technology

101,85 mm
4 in