



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 **103 mm x 25 mm x 6.8 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, HIGGS 9 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.



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 |
| HIGGS 9 | 86 bytes - TID: 6 bytes - EPC: 62 bytes | ISO 18000-6C / EPC Class 1 Gen 2 |

Technical specifications

| | |
|-----------------------|----------------------------|
| Application | Metal / non-metal surfaces |
| IP rating | 67 |
| Dimensions | 103 x 25 x 6.8 mm |
| Material | Engineering plastic |
| Weight | 8 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 |

