



HT001 is an RFID hard tag made of PPA (polyphthalamide), a thermoplastic material with a **high resistance to chemicals, moisture and very high temperatures**. It also possesses good mechanical properties, which ensure **excellent dimensional stability and high resistance to breakage and deformation**. With its IP69 rating,

HT001 is resistant to both water and dust.

The hole is used to apply the tag to non-metal surfaces using a screw or with adhesive backing.

Round in shape, it has a **50-mm diameter** and can be customised using silkscreen printing and pad printing, while serial numbering can be applied using laser technology. It

is black and available in **LF with the EM4200 chip** and in **HF with the ICODE SLIX2 chip**.

MARKETS

In terms of application, it is suitable for **asset tracking**, identifying operations in **production** and **logistics**, **industrial automation**, **maintenance** and **waste tracking**.

LF

frequency 125 kHz

RFID features

Chip	Memory	ISO Standard
EM4200	0 bytes - UID: 8 bytes	ISO 11784 / 11785

HF

frequency 13.56 MHz

RFID features

Chip	Memory	ISO Standard	NFC Standard
ICODE SLIX2	316 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices

Technical specifications

Application	Non-metal surfaces
IP rating	69
Dimensions	Ø 50 x 2.3 mm; hole: 5 mm
Material	PPA (polyphthalamide)
Weight	4 g
Application method	Adhesive or screws
Operation and storage temperature	-40°C ~ +90°C
Max temperature	+140°C

Customisation

Colour	Black
Type of printing	Silkscreen printing, pad printing
Type of numbering	Laser technology

