

RFID HARD TAG HT001

MARKETS:



Industry



Logistics



Waste
management

COLOUR:



Black

The HT001 is a RFID hard tag made from PPA (Polyphthalamide), a high-performance thermoplastic. This material is renowned for its **high chemical resistance, humidity resistance, and tolerance to very high temperatures**. It also boasts excellent mechanical properties, ensuring **superb dimensional stability and high resistance to breakage and deformation**. With an impressive IP69 rating, the HT001 is completely impermeable to water and dust. It features a central hole, allowing it to be securely attached to non-metallic surfaces via screwing or adhesive support. This round tag has a **diameter of 50 mm**

and can be customised with silk-screen and pad printing. Serialisation can be precisely applied using laser technology. The HT001 is available in black and supports **LF (Low Frequency) with the EM4200 chip, and HF (High Frequency) with the ICODE SLIX2 chip**.

MARKETS

From an application perspective, the HT001 is ideally suited for **asset tracking**, identifying operations in **production and logistics, industrial automation, maintenance, and waste traceability**. Its extreme durability makes it perfect for demanding industrial environments.



frequency 125 MHz

RFID features

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



frequency 13.56 MHz

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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	6g
Dimensions	ø 50 x 2.3 mm; hole: 5 mm
Material	PPA (polyphthalamide)
Weight	4 g
Application method	Adhesive or screws
Operating 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

