RFID HARD TAG HT021

HT021 is a '**PCB tag**' comprising a printed circuit board (PCB) substrate, an insulating printed circuit board that connects several electronic components, protected by *fibreglass*. This layer is covered by thin metal applied via high-temperature rolling. Finally, the tag surface features a thin polycarbonate plate.

Round in shape, small in size and lightweight — **with a diameter of just 7.9 mm, 0.9 mm in height and weighing 0.5 grams** — HT021 is designed for application **on metal objects** requiring non-invasive tags. It can be affixed with an adhesive backing or via an insert moulding process, and is available **in HF with the ICODE SLIX chip.**

MARKETS
With an **IP65** rating, HT021 is water and dust resistant, and stands out for its flexibility. Indeed, it is ideal for **inventory management**, traceability and identification of small items or small spaces.

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HF frequency 13.56 MHz

RFID features

Chip	Memory	ISO Standard	NFC Standard
ICODE SLIX	128 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant

Technical specifications

Application	Metal surfaces
IP rating	65
Dimensions	ø 7.9 mm, h 0.9 mm
Material	PCB (Printed Circuit Board)
Weight	0.5 g
Application method	Adhesive, insert moulding
Operation temperature	-25°C ~ +55°C
Storage temperature	-25°C ~ +85°C

Ø 7,9 mm
Ø 0.31 in