



HT016 is an **RFID hard tag made of 90% PCB**, resistant to extremely high temperatures.

Square in shape, this tag measures 6.7 x 6.7 x 0.75 mm and weighs 0.4 grams. It can be applied by adhesive and embedded inside plastics.

It is suitable for the identification - also with NFC readers - of medical devices and instruments that need to be sterilised at high

temperatures.

In fact, **it peaks at 250°C for 24 hours!** It is a two-colour tag - blue and black - **in HF frequency with the ICODE SLIX and ST25TB02K chips.**

Both logo customisation and numbering can be carried out using laser technology.

MARKETS

With **IP68 protection**, making it highly resistant to dust and water,

the HT016 is excellent in healthcare environments where **sterilisation and high-temperature washing processes are numerous.**



13.56 MHz frequency

RFID features

Chip	Memory	ISO Standard	NFC Standard
ICODE SLIX	128 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ST25TV02K	250 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant

Technical specifications

Application	Non-metal surfaces
IP rating	68
Dimensions	6,7 x 6,7 x 0,75 mm
Material	PCB
Weight	0,4 g
Application method	Adhesive, plastic injection
Operation temperature	-40°C ~ +85°C
Storage temperature	-40°C ~ +200°C (250°C per 24 hours)

Customisation

Colour	Black (on the top) e blue (on the back)
Type of printing	Laser

