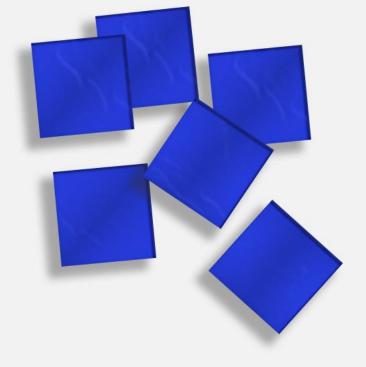
RFID HARD TAG HT016





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

Square in shape, this tag measures $6.7 \times 6.7 \times 0.75$ 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.

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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

