



HT085 is a **'sleeve tag' or 'tag anchored to objects using a cable tie'** made of PA6, an ultrasound-sealed nylon that provides good thermal protection and perfect resistance to impacts, pressure and other mechanical stresses. Rectangular in shape – 27 mm x 20.7 mm x 9.6 mm – and weighing 4.7 grams, this tag **can be anchored to metal surfaces** by means of plastic or metal cable ties. It is available in **LF with the**

EM4200 chip, in HF with the ICODE SLIX and NTAG216 chips, and in UHF (European and US frequencies) with the HIGGS 3 chip. It is produced in **red, yellow, green, blue, black.** HT085 can be customised with a logo using silkscreen printing, while serial numbering is applied using laser technology.

MARKETS

With its **IP68** rating, which ensures

protection against water, smoke and dust, **HT085 is suitable for industrial applications involving high mechanical, thermal or chemical stresses.** It is also the **perfect choice for outdoor applications such as offshore platforms, due to its ability to withstand weathering and UV radiation.**



frequency 125 kHz

RFID features

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



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
NTAG216	888 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant



European frequency (EU) 868 MHz - US frequency 920 MHz

RFID features

Chip	Memory	ISO Standard
HIGGS 3	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 3 US	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2

Technical specifications

Application	Metal surfaces
IP rating	68
Dimensions	27 x 20.7 x 9.6 mm
Material	PA6
Weight	4.7 g
Application method	Cable tie or cord
Operation temperature	-40°C ~ +85°C
Storage temperature	-40°C ~ +90°C
Max temperature	+140°C for 10 hours, +130°C for 100 hours

Customisation

Colours	Red, yellow, green, blue, black
Type of printing	Silkscreen printing
Type of numbering	Laser technology

