

Outdoor metal label 5555



AXEM Technology offers a range of HF/NFC labels specifically designed to perform on metal and resist permanent exposure in outdoor environments. The label is fixed by a strong adhesive which guarantees a long-lasting hold on any metal surface.

As standard, they are available with red waves printing but can also be personalized on request.

Several sizes are available:

Label: 18x18, layer: 32x32

Label: 25x25mm, layer: 55x55mm

Label: 55x55mm, layer: 80x80mm

NFC

Functional specifications

RFID Protocol	ISO14443A
Frequency	13,56MHz
IC type	NTAG213
Memory	26 bytes reserved for manufacturer and configuration data 34 bits used for the read-only locking mechanism 4 bytes available as capability container 144 bytes user programmable read/write memory
Write Cycles	100,000 cycles
Functionality	Read/write
Data Retention	10 years
Applicable Surface	On metal

Physical specifications

Dimensions	Label: 25x25mm Layer: 55x55mm
Thickness	0.35+/-0.05mm
Antenna size	Diameter 22mm VNT Antenna
Mounting Methods	Strong adhesive with 3M 300LSE adhesive
Material	Hard PET & Soft PET, gloss surface with overlay

