

METAL



Metal tags



LUX-IDent's products

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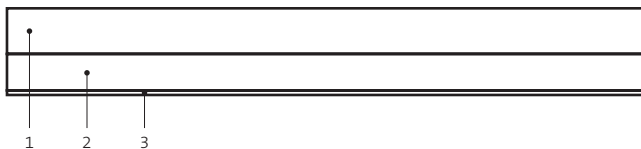
A range of applications.

Metal tags are RFID tags suitable for use in metallic environments. In general, metal creates problems for the life of RFID applications, which is why we offer special metal tags that resolve this issue. Metal tags are customized products – special tests are carried out for each and every one of the applications specified by our customers, with regard to the environment, the size of the tag, reader antenna and specific chip technology. We offer our customers samples for initial testing.

Features

- Material: depending on diameter
- Spacers: foam or ferrite
- Standard diameters: 27, 30 and 50 mm
- Possibility of an adhesive layer for easy attachment
- Suitable for indoor and outdoor applications
- Can be personalized by full colour printing

Dimensions



1. disc tag
2. foam or ferrite pad
3. self-adhesive foil

Metal tags can be further personalized by full color printing. The motive may be a logo, number or simply any graphics.

Available chip technologies

Manufacturer frequency	Chip type
EM Microelectronic	
LF 125 kHz / 134.2 kHz	EM4102, EM4305, EM4450
NXP	
LF 125 kHz / 134.2 kHz	Hitag 1, Hitag 2, Hitag S 256bit, Hitag S 2048bit
HF 13.56 MHz	Mifare: Ultralight, Ultralight C, Mini, Classic 1K, Classic 4K, Desfire 4K V.06, Desfire 2K EV1, Desfire 4K EV1, Desfire 8K EV1, Plus S 2K, Plus S 4K, Plus X 2K, Plus X 4K I-Code: SL1, SLI-L, SLI, SLI-S SmartMX, JCOP
Infineon	
HF 13.56 MHz	Mifare SLE66R35 1K, My-D: SRF55V02P, SRF55V10P, NFC SLE66R16P, NFC SLE66R32P
Atmel	
LF 125 kHz / 134.2 kHz	ATA5575M1, ATA5575M2, ATA5577, Q5
Inside Secure	
HF 13.56 MHz	Picopass 2K, 32K
Legic	
HF 13.56 MHz	Prime MIM256, Prime MIM1024 Advant: ATC128, ATC256, ATC1024, ATC2048, ATC4096

Other ICs are available upon request.