

## PRINTED RFID HF/NFC, LF, UHF ISO CARD

**@RFID** offers a wide range of RFID transponders.

The **RFID ISO CARDS** integrate a copper (CU) wired (HF/NFC and LF version) or etched antenna (UHF version) with bonded RFID chip, laminated between six PVC layers.

The sizes are strictly following the ISO 7810 ID1 standard  $85,60 \times 53,98$  mm with thickness less than 0,85mm.

### OPTIONS:

Full 4x4 colours offset print is available, as well as chip encoding.

Combinations of different Frequencies in one card:

Not connected

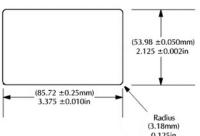
HF/NFC + LF

HF/NFC + UHF

IF + IIHF

- Connected HF and UHF antenna to one UID- HF/NFC + UHF Chip EM4423
- Thin Card with 0,53 mm thickness is available
- Matt instead of brilliant surface
- Magnetic Stripe is available
- Other surface material PC, PET etc. is available





Frequencies/Chips:

HF/NFC: ISO14443: NXP Mifare Series / NTAG Series (NFC-A), @rfid compatible

ISD15693: NXP I Code Series (NFC-V)

LF: DeFacto Standard: EM4200, TK4100, @rfid compatible

UHF: ISO 18000-6 CLASS 1 GEN 2: ALIEN Higgs, Impinj Monza, NXP U Code

Technical:

Material:

PVC

Operating Temperature:

-30° ... +50°C

**Estimated Durability:** 

3 to 5 years

Frequencies:

HF/NFC

13,56 MHz ± 5%

LF

125 kHz ± 5%

UHF

865 ... 868 MHz

**Environmental:** 

RoHS compliant

Customized:

Printable. Encoded

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## **Applications for**

### PRINTED RFID/NFC ISO CARDS:

- Employee ID Card / Batch
- Access Control
- Time Attendance
- Member Card (Cash and Carry Market, Social Club, Golfclub, Assurance, Automobile Club etc.)
- Tourist Card
- Payback/Loyality Card
- Prepaid Card (Laundry, Waste Deposit, Driving Range etc.)
- Season Ticket (Recreation Park, Zoo, Football Arena, Theater, Cinema etc.)
- Public Transport Ticket
- Ski Ressort Pass
- Waste Collection
- Your idea/application



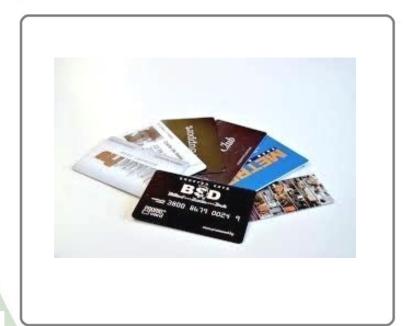
### Option:

Strong 3M Adhesive backside for easy attachment to any equipment.



## Send us your layout as we can offer best quality printed ISOCARDs.

These are normally with brilliant surface (matt on request)...



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