GLOBAL TAG RFID TAG *for global requests*

PLA KEY CARD

PLA CARD
100% BIODEGRADABLE CARD

CE RoHS ✓

Global Tag RFID (and NFC) KEYCARD in PLA – a material derived from corn – represents a significant innovation, as polylactic acid is 100% biodegradable and compostable.

Different customizations are available, such as offset printing, laser engraving of UID, serial number, QR or barcode, optional backside glue, foam, signature field, magstripe and magnet.

All encoding types for access control and key room are available.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 54x86x0,76mm follow standard ISO/IEC 781
Weight: 5,5gr.
Material: PLA
Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55˚C to +60˚C
Operating Temperature: -25˚C to +50˚C / -13˚F to +185˚F
Delivery format: Individual
Expected lifetime: Years in normal operating conditions
Chemical resistance: No physical or performance changes in (tested up to, more hours can be): - 200 hours Motor oil immersion - 200 hours Salt water (salinity 10%) exposure

TYPES OF RFID CHIPS:

LF: Available with TK4100, T5577. Other on request.
HF: Available with I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRi2k, Ntag213, Ntag216, other on request.
UHF: Available with NXP Ucode8 or Alien Higgs9 chip. Others on request.

DUAL FREQUENCY SOLUTIONS AVAILABLE:

RFID/NFC Card can be provided with 2 different inlays in the same tag. Different combos are avaialble:
LF + HF ISO15693
LF + HF ISO14443
LF + UHF ISO18000-63
HF ISO14443 (or NFC) + HF ISO15693
HF ISO14443 (or NFC) + UHF ISO18000-63
HF ISO15693 + UHF ISO18000-63

PRINTING AND CUSTOM OPTIONS:

Printing offset: 1, 2 or 4-colors logo printing,
Laser engraving: Serial numbers, Codes from customer database, QR and barcode.
Pre-Encoding: Customer specific encoding of EPC or User Memory (from Database too). Permanent or by password lock. TID/EPC in database.
For Dual Frequency cards, record of UID (of HF/LF) in the EPC (UHF).
Magstripe HiCo 2750OE or LoCo300OE.

Signature field: The card can be provided with the space which captures the user's signature.

Re-printable surface: Re-printable surface allows printing, erasing and reprinting new contents.

On-Metal Layer: An insulant layer (+ glue) can be added, in order to mount the RFID badge on metal surface without losing RF performances.

AVAILABLE ENCODING FOR HOTEL DOOR LOCK:

Contact us to learn more about available encoding types.
We can also send samples of RFID Key Card in PLA to check the actual encoding type of your system.
We are able to provide all the different encodes available on the market.

ORDER INFORMATION:

Standard product is blank, white color
PRODUCT CODE: GT-BDGY-xx (xx is the selected IC chip)
For more information, please contact us:
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DISCLAIMER: