

RFID / NFC Key Fobs

(LF / HF / UHF)



Product groups

- smart-KEY Logo
- smart-KEY Standard
- smart-KEY Hybrid



Classification

- Keyring with either LF, HF or UHF technology
- Customized and scratch-proof print (due to ROYALPLAST® doming)
- Different type of chips for all frequencies
- Different sizes, shapes and printing available



NFC-Solutions

(HF)



All **smart-TEC** products can be equipped with NFC technology. We can provide customer specific design, a large number of shapes, printings and adhesives.

The chip encoding is according to NDEF standards and our tags are NFC-Forum compatible.

About us

smart-TEC GmbH & Co. KG was founded in 1999 as a spinoff of the RATHGEBER-Group. As an expert in smart labelling solutions, we've been supplying customized RFID and NFC technology in every conceivable form for over 15 years. We use our expertise to develop and produce RFID/NFC-Transponder tailored to your requirements – shape, colour, size, overprint, materials, attachment and thermal, chemical and mechanical resistance.

Core competencies:

- Specialized in robust, durable and weatherproofed RFID-/NFC industrial transponder as in RFID-/NFC-labels – printed, blank and with different security features
- Materials, design, form, print, chip technology, chip programming, size and adhesive property are specifically customized on project requirements
- Full project support: customized consulting, creation of technical feasibility studies, project design, definition of suitable RFID hard- and software components, project implementation and support

Supported applications:

- Asset management & maintenance
- Production planning and control
- Access control & time management
- Warehouse & logistics
- Authentication & security
- NFC & Smartphone

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TAGnology for your Future

RFID / NFC-Solutions

Everything at a glance

NFC Forum compatible
Tags available!



Customized RFID / NFC-Transponder

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Discover the diversity of our product groups:

RFID / NFC Label

(LF / HF / UHF)



Product groups

- *smart-LABEL*
- *smart-LABEL* Security
- *smart-LABEL* High Temperature
- *smart-LABEL* Driver Licence
- *smart-LABEL* Windshield



Classification

- Very thin and self-adhesive
- Printed or blank
- Different type of chips for all frequencies
- Special chip encoding and programming
- In different Materials and adhesive
- Shape, size and security – customization to customer's requirements: hologramm, security cuts, microprinting, tmper protection, personalization



RFID / NFC Cards & Tickets

(LF / HF / UHF)



Product groups

- *smart-CARD*
- *smart-TICKET*
- *smart-DISC*



Classification

- ISO standardization or customized shapes
- Different type of chips for all frequencies
- Printed or blank
- Encoded and personalized
- Straps in different colours and clasps
- Different mounting options (foot, wrist, etc.)



RFID / NFC Metal Plate

(LF / HF / UHF)



Product group

- *smart-PLATE*

Classification

- Combination of metal plates and RFID technology
- Electronic identification plate with either LF, HF or UHF technology
- Different type of chips for all frequencies
- Printing, laser engraving, chip encoding and mounting options as required
- Different mounting options



RFID / NFC Industrial Transponder – also available with ATEX-Certification

(LF / HF / UHF)



Product groups

- *smart-DOME*
- *smart-DOME* Freestyle
- *smart-DOME* Classic
- *smart-DOME* Epoxy
- *smart-DOME* MAG



Classification

- Customer specific design (also in miniature)
- For high temperature applications
- Mount-on-Metal version for metallic surfaces
- Different type of chips for all frequencies
- Printing, laser engraving, chip encoding and mounting options as required
- Certificated for ATEX areas



RFID / NFC Wristbands

(LF / HF / UHF)



Product group

- *smart-WRIST*

Classification

- Particularly waterproof, durable and shock-resistant
- Different type of chips for all frequencies
- Printed or blank
- Encoded and personalized
- Disposable wrists or multiple use wrists
- For events, time management and sport occasions



RFID / NFC Cable Tie Tags

(LF / HF / UHF)



Product group

- *smart-DOME* Cable Tie

Classification

- Robust tag for easy attachment
- Different type of chips for all frequencies
- Customer specific design
- Individual printing, even for small quantities

