

### HF | NFC - Keyfobs

## CT - FR4 Epoxy Keyfob

- Available with various HF | NFC - RFID chips
- FR4 Epoxy material for industrial applications
- Up to +90°C operating temperature
- Wide range of customization options
- Fast delivery times



### HF | NFC - Keyfobs

## Heavy Duty RFID Keyfob

CRAFT Technologies HF | NFC - RFID FR4 Epoxy keyfobs are specially designed for extreme environments and heavy duty use in production environments. Those keyfobs are stable against many different chemicals and a good water resistance (depending on temperature).

Our key fobs are available with all common HF or NFC chips available on the market.

All keyfobs can be personalized with laser engraving and encoding options.

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### Common Applications

- Industrial Enviroments
- Logistic & Warehouse
- Time Attendance
- EV Charging Cards
- Employee Badges



## TECHNICAL SPECIFICATIONS

### Contactless Interface

Operating Frequency	13.56 MHz
Supported Standards	ISO 14443 Type A & B Parts 1-4, ISO 15693 and ISO 18092
Reading Distance	Up to 40 mm (Depending on environment and reader)
Available Chip Types	NXP ICODE SLIX 2, NXP NTAG 216, NXP MIFARE CLASSIC EV1 1K (other chips on request)

### Physical Characteristics

Dimension	Main body: 48 x 32 x 1.25 mm
Weight	5 ± 1g
Material	FR4 Epoxy (Epoxy resin and fiberglass fabric)
IP Protection	IP66

### Certifications & Compliances

Certifications	CE, REACH & RoHS
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### Environmental Characteristics

Temperature	Operating temperature: -25 - 85°C Storage temperature: -40 - 90°C Peak temperature: 100°C (For PC material)
Humidity	90% (Non-condensing) @ 60°C (100h)
Chemical Resistance	Acetic acid water, artificial perspiration, carbonated sodium water, ethylene glycol, fuel B, salt mist, salt water, sugared water
Shock & Vibration	Droptest: 1.8m, 10 x 10 cycles

### Customization Options

Available Colors	Black
Available Options	Laser engraving and data encoding

### Usage Options

Environments	Access, Office and production environments
Key Facts	Perfect in difficult production environments
Mounting Methods	With a keyring