

HF | NFC - Tags CT - ABS Disc Tags

- Available with various HF | NFC - RFID chips
- Durable RFID disc tags made from industrial-grade ABS
- Multiple sizes, chip types and memory options available
- Wide range of customization options
- Fast delivery times



HF | NFC - Tags Reliable Asset Identification

CRAFT Technologies HF | NFC - RFID ABS Disc Tags are designed for reliable identification and tracking of assets in industrial, commercial and logistics environments. Manufactured from high-quality ABS material, these disc tags provide excellent durability while maintaining consistent RFID performance.

The tags are suitable for a wide range of applications, including asset tracking, container identification and equipment management. With support for multiple frequency bands and chip options, ABS disc tags can be tailored to specific system requirements. Their compact form factor and flexible mounting options enable easy integration into existing workflows and infrastructures.

Common Applications

- Asset and equipment tracking
- Logistic & Warehouse
- Containers, bins and pallets
- Industrial tools and machinery
- Facility and inventory management



TECHNICAL SPECIFICATIONS

Physical Characteristics

Dimensions	Ø 22 Ø 30 Ø 50
Material	ABS
IP Protection	IP66

Customization Options

Available Colors	Black
Available Options	Laser engraving and data encoding

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

Certifications & Compliances

Certifications	CE, REACH & RoHS
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Available Chips

	MIFARE Ultralight® EV1	MIFARE CLASSIC® EV1 - 1K	MIFARE CLASSIC® EV1 - 4K	MIFARE DESFire® EV1 / EV2 / EV3
Betriebsfrequenz	13,56 MHz	13,56 MHz	13,56 MHz	13,56 MHz
Standard	ISO 14443/15693	ISO 14443/15693	ISO 14443/15693	ISO 14443/15693
Nutzspeicher / EEPROM	ca. 48 - 128 Byte	ca. 768 Byte	ca. 3456 Byte	ca. 2048 Byte - 8 192 Byte
Lesereichweite	bis ca. 10 cm	bis ca. 10 cm	bis ca. 10 cm	bis ca. 10 cm

	ICODE® SLI	FUDAN 1K / 4K	NTAG 213	NTAG 216
Betriebsfrequenz	13,56 MHz	13,56 MHz	13,56 MHz	13,56 MHz
Standard	ISO 14443/15693	ISO 14443/15693	ISO 14443	ISO 14443
Nutzspeicher / EEPROM	ca. 112 Byte	ca. 768 Byte - 3 456 Byte	ca. 144 Byte	ca. 888 Byte
Lesereichweite	bis ca. 1,5 m	bis ca. 10 cm	bis ca. 10 cm	bis ca. 10 cm