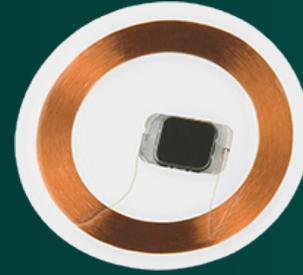


### HF | NFC - Tags CT - Disctags

- Available with various HF | NFC - RFID chips
- Durable RFID disc tags made from industrial-grade PET
- 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 Disctags are designed for dependable identification and tracking of assets in industrial, logistics and commercial environments. Manufactured from high-quality material, these disc tags provide a robust housing that protects the embedded RFID inlay while maintaining consistent read performance.

The disc tag form factor enables flexible installation on containers, equipment and reusable assets. With support for multiple frequency bands and a wide selection of RFID chips, CT Craft Technologies disc tags can be tailored to meet specific application requirements, ensuring reliable operation across diverse RFID systems.

### 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 16, 18, 20, 22, 25, 26,5, 27, 30, 40, 50 |
| Material      | PET  |
| IP Protection | IP65                                       |

#### Certifications & Compliances

|                |                  |
|----------------|------------------|
| Certifications | CE, REACH & RoHS |
|----------------|------------------|

#### Environmental Characteristics

|                     |  |
|---------------------|--|
| Temperature         | Operating temperature: -25 - 85°C<br>Storage temperature: -40 - 90°C<br>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   |

### Available Chips

|                       | MIFARE Ultralight®<br>EV1 | MIFARE CLASSIC®<br>EV1 - 1K | MIFARE CLASSIC®<br>EV1 - 4K | MIFARE DESFire®<br>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®<br>SLI   | FUDAN<br>1K / 4K          | NTAG<br>213   | NTAG<br>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 |