

HF | NFC - Hard Tags CT - Cable Tie Tag

- Available with various HF | NFC - RFID chips
- Ultra robust PA6 nylon housing
- Mounting via cable ties or wire loop
- Various housing colors available
- Many customization options



HF | NFC - Cable Tie Tag Easy to mount for cable tracking

CRAFT Technologies HF | NFC cable tie tags are designed for demanding industrial applications, enduring extreme mechanical, thermal, and chemical stress.

The ultrasonic-sealed PA6 nylon housing provides excellent thermal inertia protection and ensures durability against impact, pressure, and other mechanical forces. The waterproof housing offers strong resistance to aggressive liquids, ensuring reliable performance. With high UV resistance, these tags are also ideal for outdoor environments such as offshore platforms.

The cable tie tags are perfect for identifying cables, cylindrical containers, or plastic pipes. They can be easily attached using a cable tie or wire loop.

Common Applications

- Military Asset Tracking
- Facility Management
- Predictive Maintenance
- Guard Control
- Field Service
- Offshore Maintenance
- After Sales Service



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: 27 x 20,5 x 0,9 mm Antenna size: 24 x 11 mm (ICODE SLIX 2)
Weight	5 ± 1g
Material	Polyamid (ultra sonic welded)
IP Protection	IP 68

Usage Options

Environments	Industrial, Offshore, Mining, Nuclear or Military facilities
Key Facts	On Metal usage, UV resistant, shock & vibration resistant, easy mounting methods and high durability
Mounting Methods	Cable tie or wire loops

Environmental Characteristics

Temperature	Operating temperature: -40 - 85°C Storage temperature: -40 - 90°C Peak temperature: 140°C (10h) / 130°C (100h)
Humidity	90% (Non-condensing) @ 90°C (100h)
Chemical Resistance	Aqueous solution of salts, alcohol, hydrochloric acid (10 %), fuel B, 25 % ammonium chloride
Shock & Vibration	IEC68.2.29 & IEC 68.2.6

Customization Options

Available Colors	Standard colors: blue and yellow On request: green, red or black
Available Options	Laser engraving, Logo printing or data encoding. Mounting material on request.

Certifications & Compliances

Certifications	CE, REACH & RoHS
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Part No. / Model

4255892700415	Sleeve Tag - 27x20,5 - ICSLIX - blue
4255892700422	Sleeve Tag - 27x20,5 - ICSLIX - yellow