NFC/UHF RFID Minicable

3,5x250mm
3,5x1000mm

Compliant with ISO 17712: 2013

SAMPLE 000000

RFID MINICABLE is a cable lock seal that offers a high level of safety due to its mechanical characteristics together with the use of radio frequency automatic identification technology.
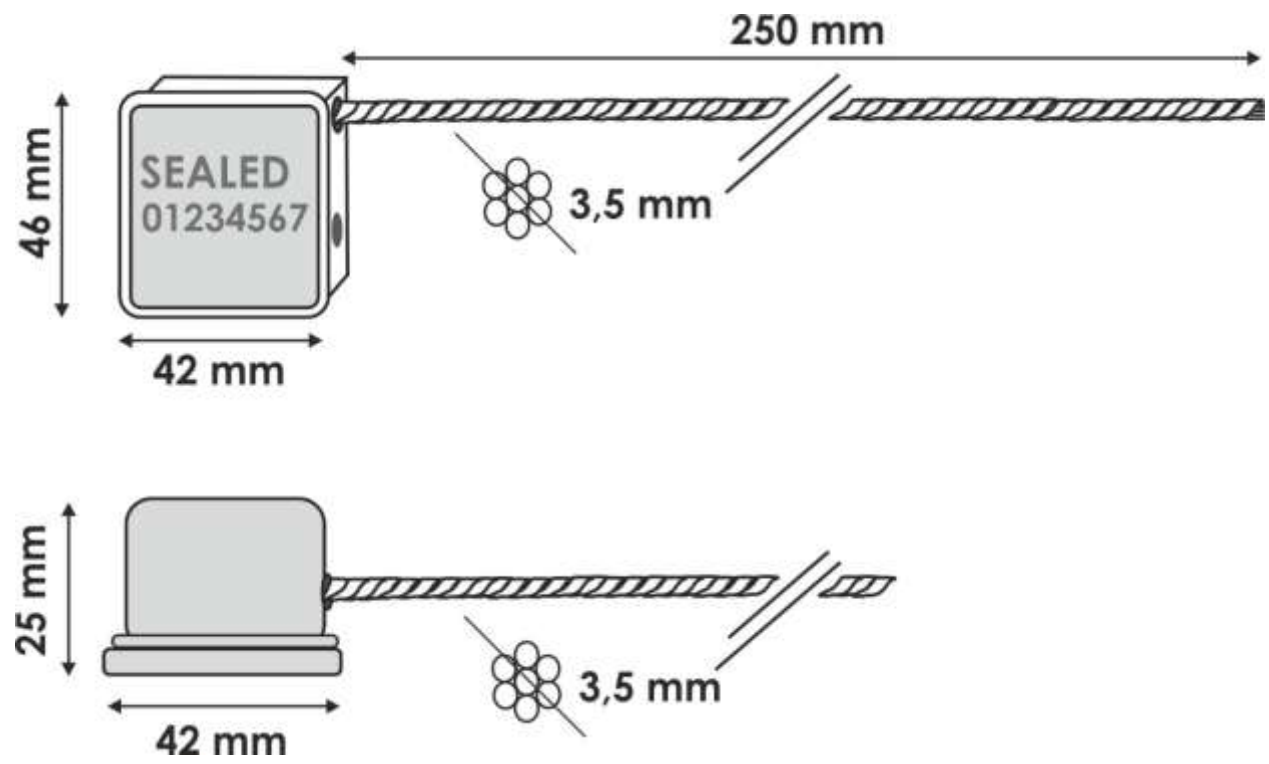
RFID MINICABLE is a high security seal compliant with ISO 17712:2013

Indicative – Logistic e-Seals

- ISO14443A NFC tag
- ISO18000-6C UHF tag (EPC global UHF Class 1 Generation 2)
- Unique ID (no replica)
- Read/write User Memory
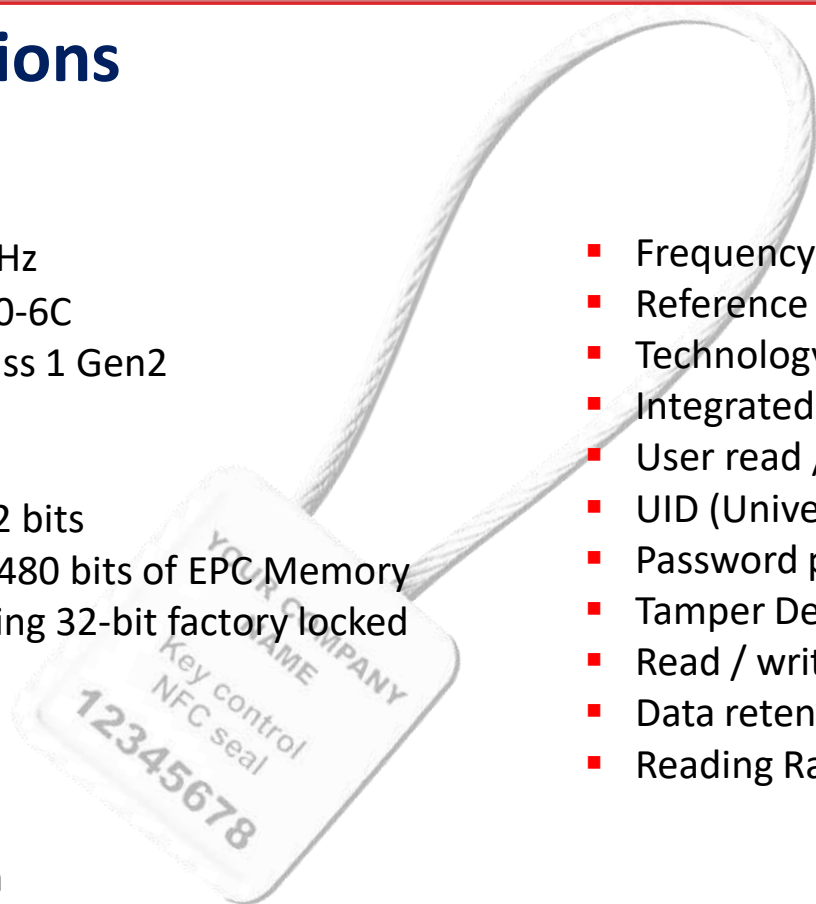
RFID Minicable seal 3.5x250 mm – Technical drawing

RFID

YOUR COMPANY NAME

Key control NFC seal

12345678

250 mm

SEALED
01234567

46 mm

42 mm

3,5 mm

25 mm

42 mm

3,5 mm

Radio frequency specifications

RFID UHF

- Frequency: 860 – 960 MHz
- Reference RF Standard: ISO/IEC 18000-6C
- RF Protocol: EPCglobal Class 1 Gen2
- Technology: Passive
- Integrated circuit: Alien Higgs 3
- User read / write memory: yes, up to 512 bits
- Memory size : 96 bits up to 480 bits of EPC Memory
- TID (Tag IDentifier): 64 bit, including 32-bit factory locked
- Password protection: yes
- Tamper Detection: no
- Read / write cycle: 100K
- Data retention: 50 year
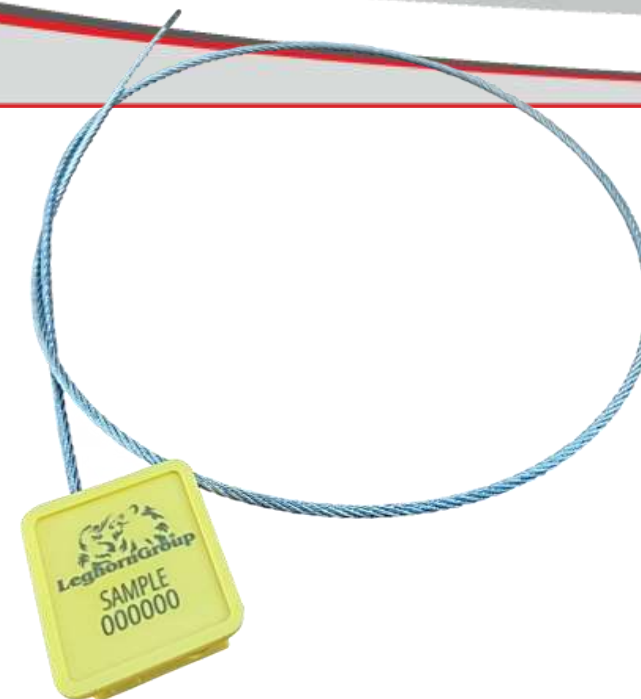- Reading Range: approx 10 cm

RFID NFC

- Frequency: 13.56MHz
- Reference RF Standard: ISO 14443A
- Technology: Passive
- Integrated circuit: NXP NTAG213
- User read / write memory: yes, 144 bytes
- UID (Universal IDentifier): 7 bytes
- Password protection: yes
- Tamper Detection: no
- Read / write cycle: 100K
- Data retention: 10 year
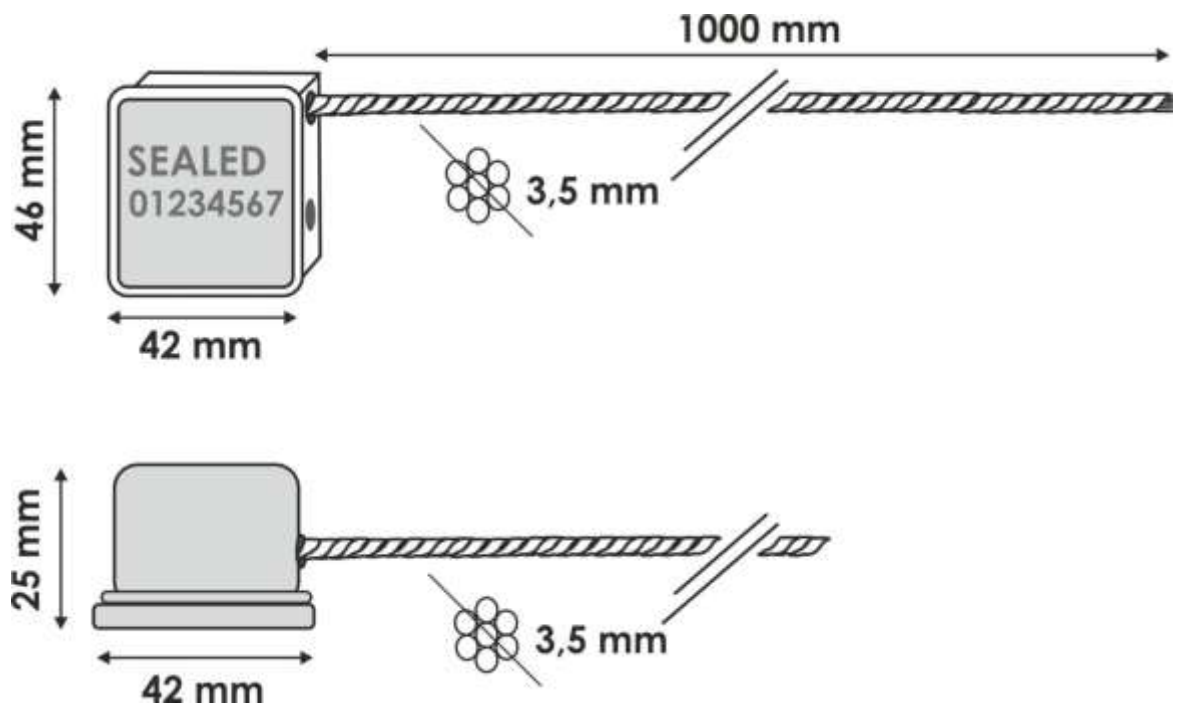- Reading Range: approx 3 cm

LeghornGroup

RFID Minicable seal
Mechanical specifications
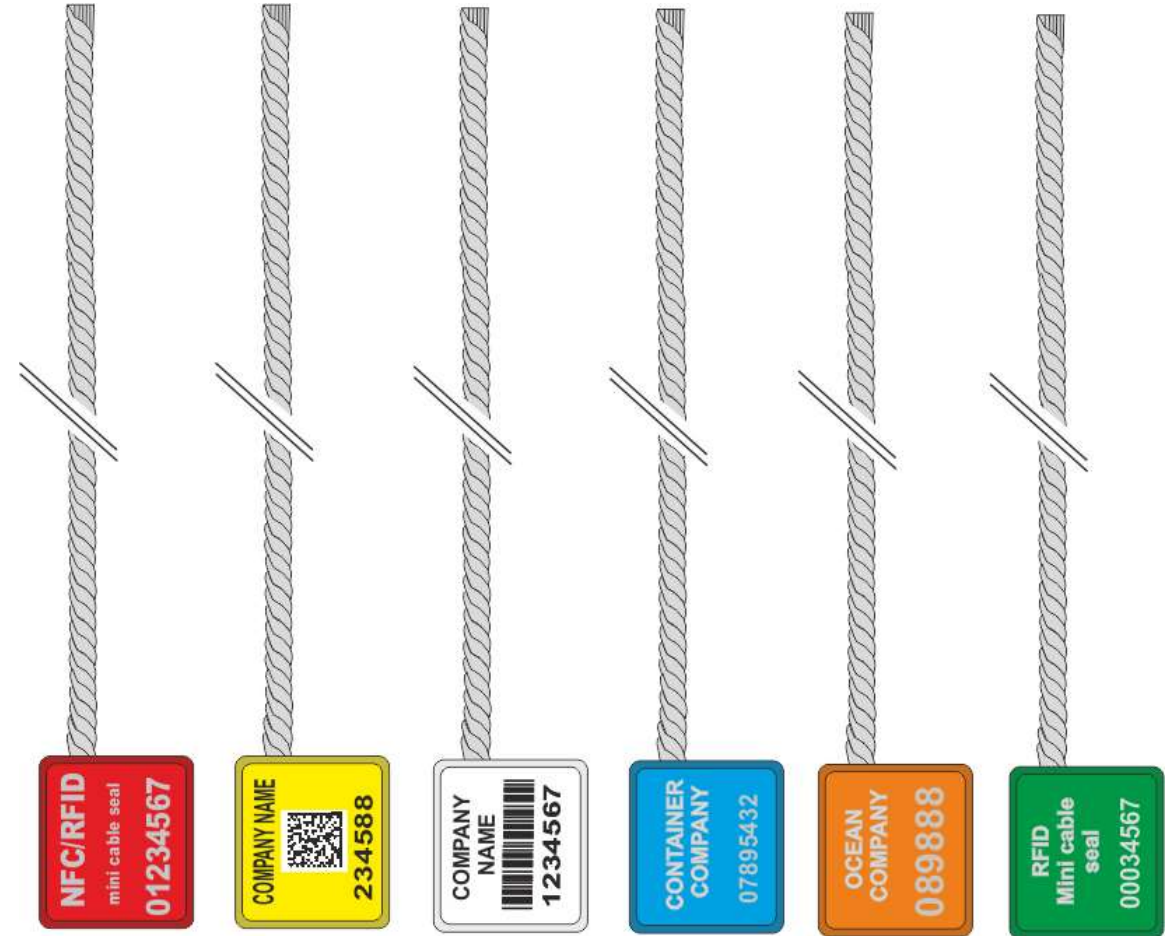
- Plastic box size: 42 mm*46 mm*25 mm
- Cable: Diameter: 3.5 mm, Length 200 mm
- Weight: 38 g
- Material: carbonitrured steel + shock-proof polystyrene in accordance with Restriction of Hazardous Substances (RoHS), European Directive 2002/EC
- Marking (option):   Laser engraving for alphanumeric string, logo, barcode, QR code
- Operative Temperature: -20℃ ~ 55℃
- Warranty: 1 year

RFID Minicable seal 3.5x1000 mm – Technical drawing

1000 mm

SEALED
01234567

46 mm

42 mm

3,5 mm

25 mm

42 mm

3,5 mm

RFID Minicable seal
Colours and marking options

NFC/RFID mini cable seal 01234567

COMPANY NAME 234588

COMPANY NAME 1234567

CONTAINER COMPANY 07895432

OCEAN COMPANY 089888

RFID Mini cable seal 00034567
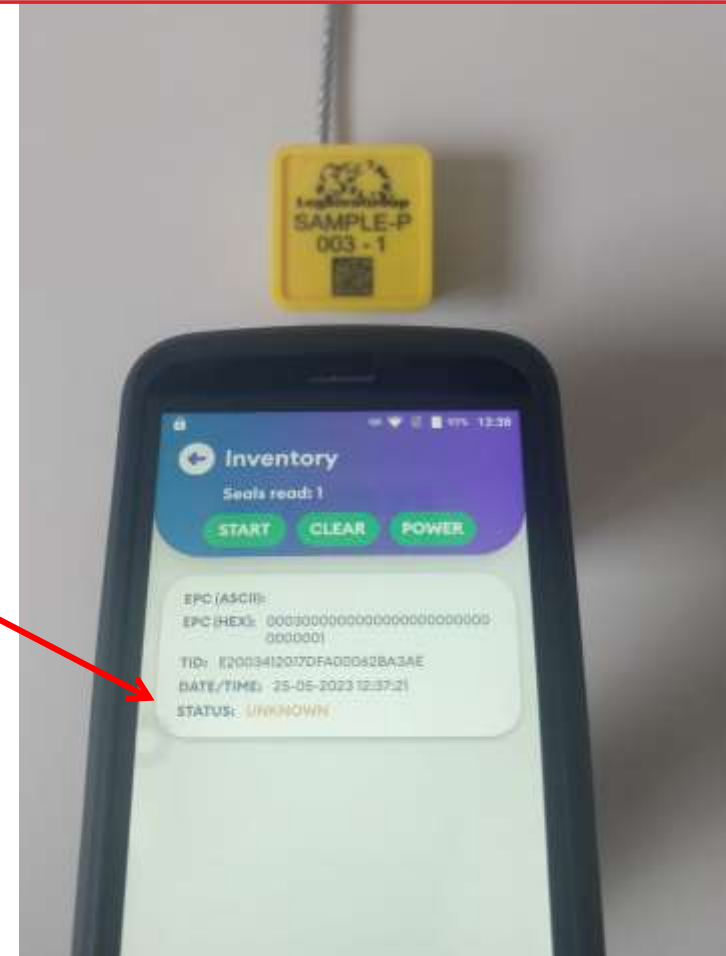
RFID Minicable seal 3.5x1000 mm – How to use it

RFID Minicable seal 3.5 x250 mm – How to use it

RFID Minicable seal : reading

STATUS **UNKNOWN**
regardless if the seal is
opened/closed/tampered

Field of action of LeghornGroup

PROTECTION: We can protect your goods and assets with security seals and various products for tamper protection. The company can create bespoke, technical solutions to meet client's requirements.

CONTROL: We ensure goods and people can be monitored using security products and integrated complete hardware and software solutions that allow the operator to monitor and intervene in real time, even remotely.

IDENTIFICATION: LeghornGroup's understanding of authentication along with their innovative technical products and solutions allow users to uniquely and securely identify, goods, vehicles, containers, animals and people.

TRACKING: LeghornGroup's real time GPS tracking devices allow users to monitor location, status and movements of vehicles and people.

RFID SOLUTIONS: LeghornGroup also manufactures solutions for product authenticity; automatic identification systems using RFID to aid traceability of objects, animals and people, offering new and efficient operations to speed up the supply chain;

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