



Protection - Control - Identification - Tracking - Rfid solutions

www.leghorngroup.com

NFC/UHF RFID Minicable

3.5x250mm & 3.5x1000mm



Compliant with ISO 17712: 2013

Made by LeghornGroup



2023 LeghornGroup IT Team 7401-A691

Pictures and drawings are purely indicative. Sizes and colours are subject to change.

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.

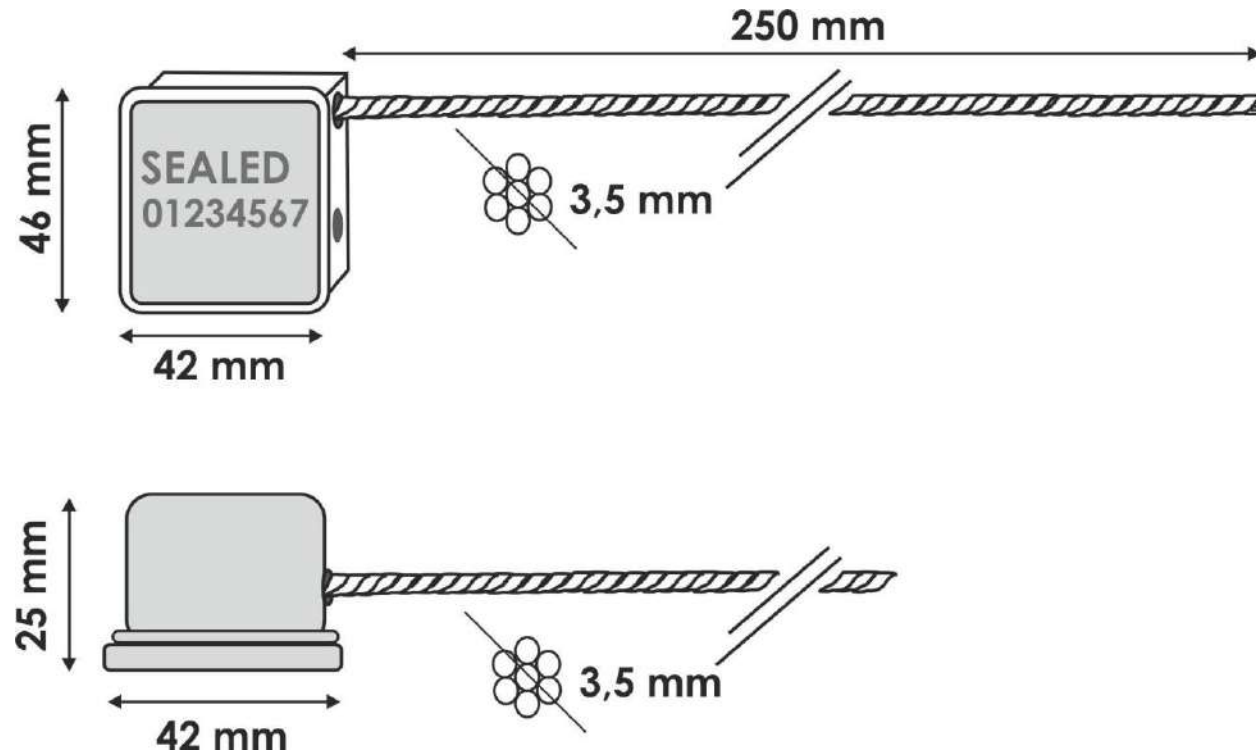


RFID MINICABLE is a high security seal compliant with ISO 17712:2013

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

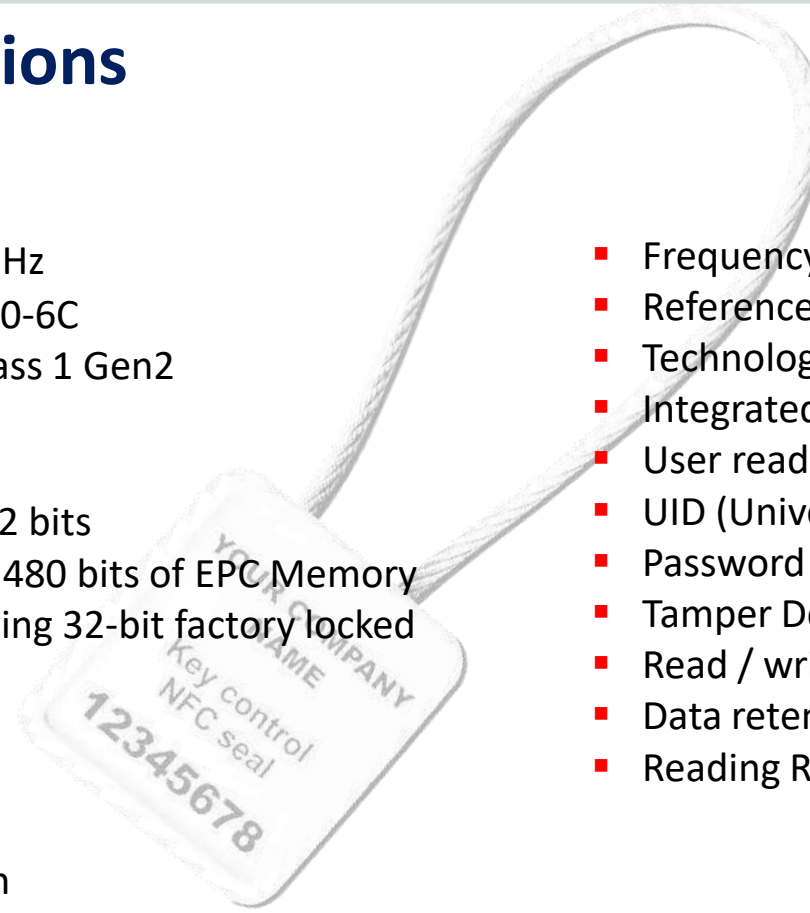


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Radio frequency specifications

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



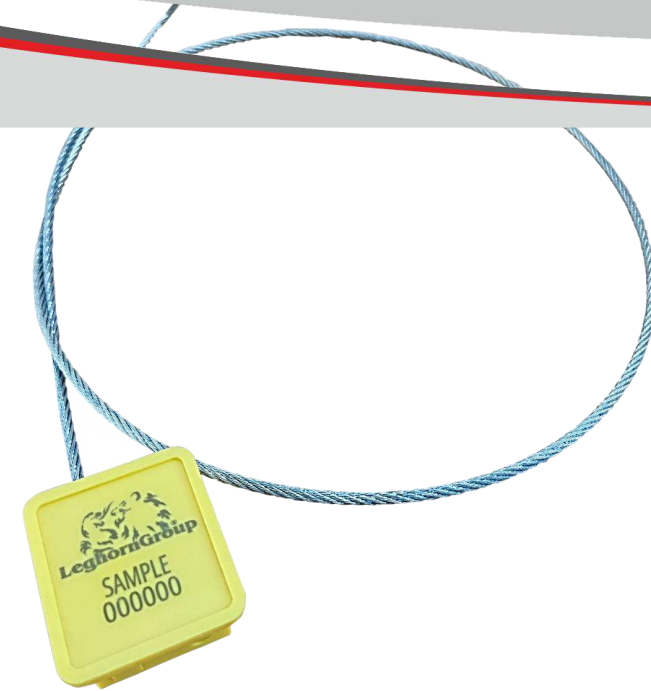
RFID NFC

- 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

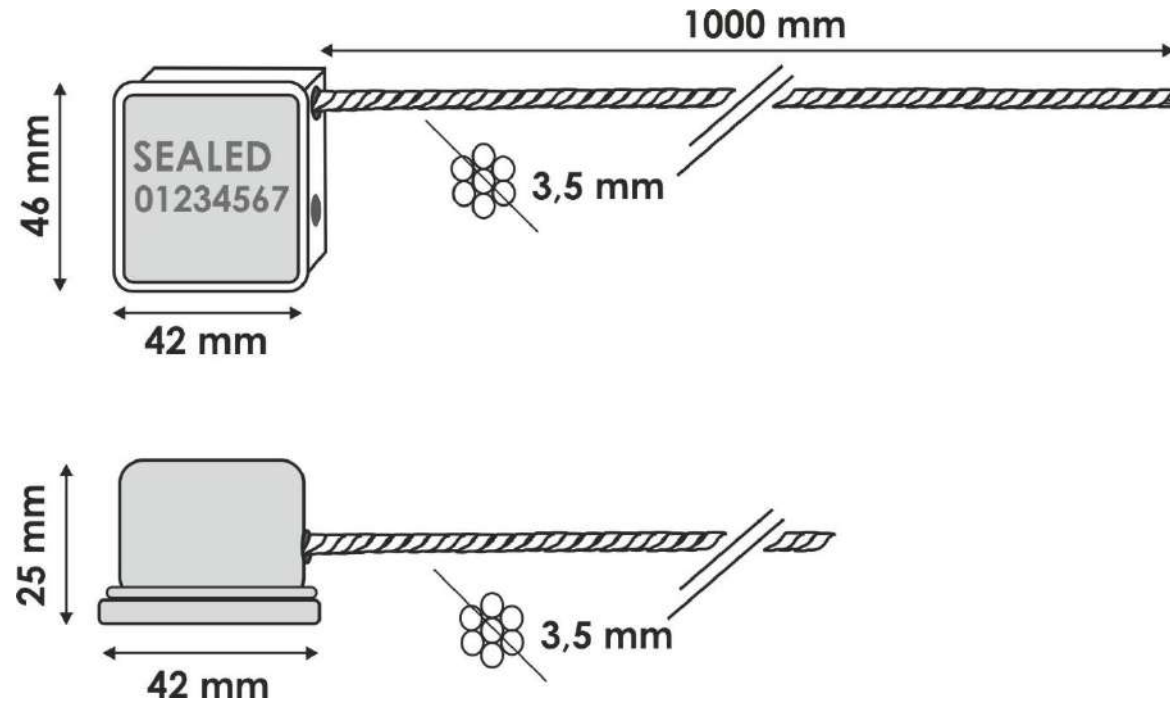
RFID Minicable seal

Mechanical specifications

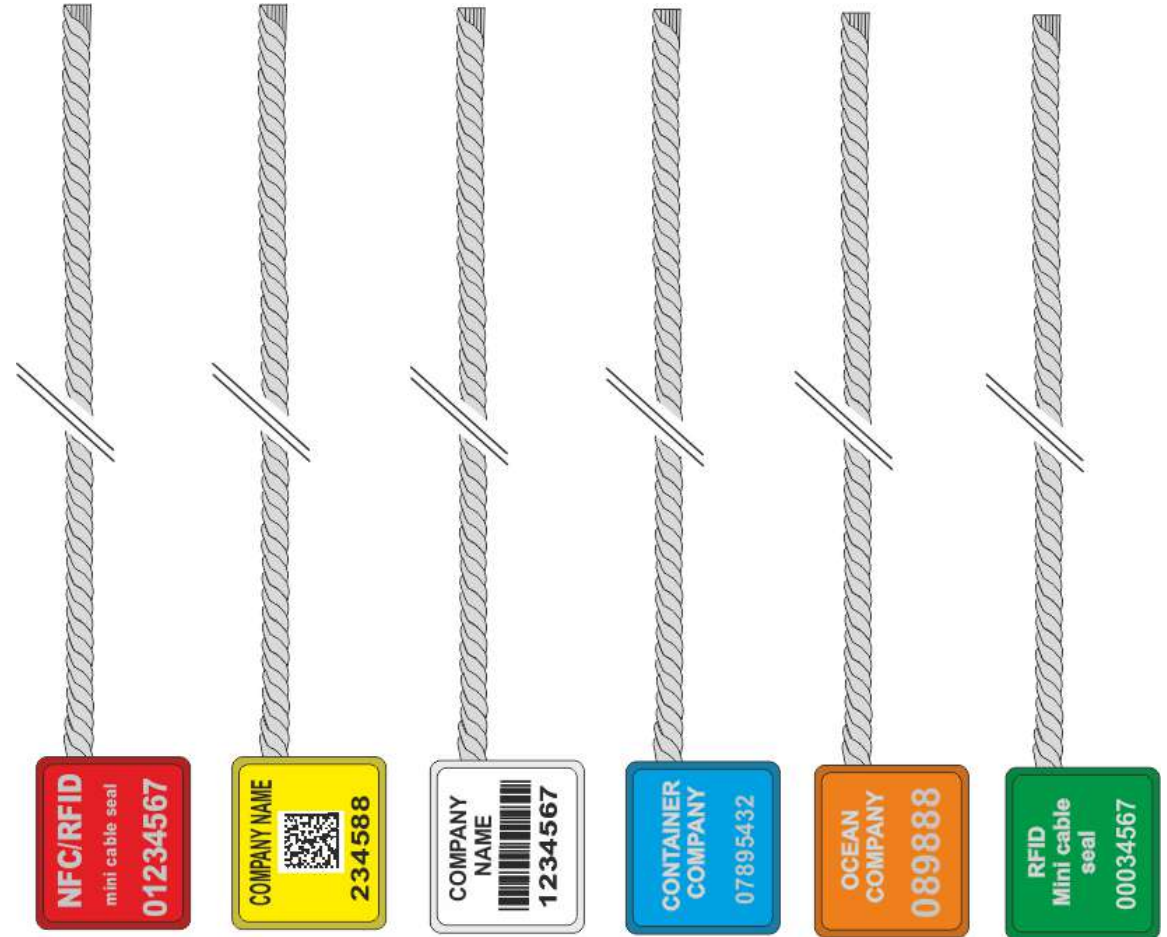
- Plastic box size: 42 mm*46 mm*25 mm
- Cable: Diameter: 3.5 mm, Length 200 mm
- Weight: 38 g
- Material: carbonitrued steel + shock-proof polystyrene in accordance with Restriction of Hazardous Substances (RoHS), European Directive 2002/EC
- Marking (option): Laser engraving for alphanumeric string,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



RFID Minicable seal 3.5x1000 mm – Technical drawing



RFID Minicable seal Colours and marking options

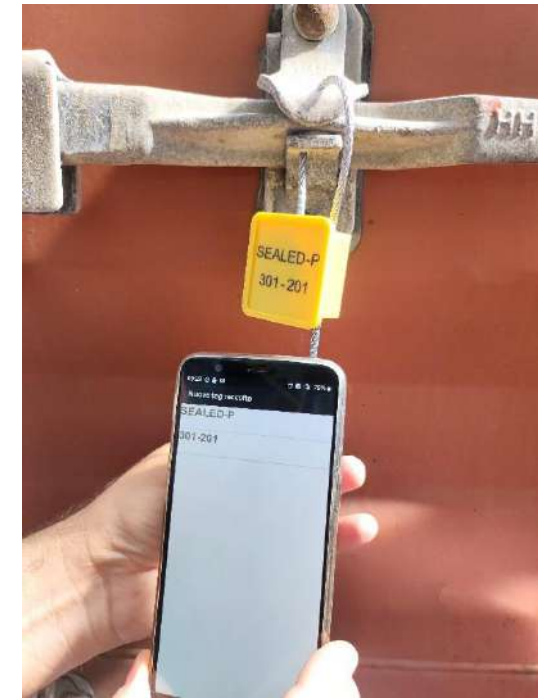


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RFID Minicable seal 3.5x1000 mm – How to use it



RFID Minicable seal 3.5 x250 mm – How to use it

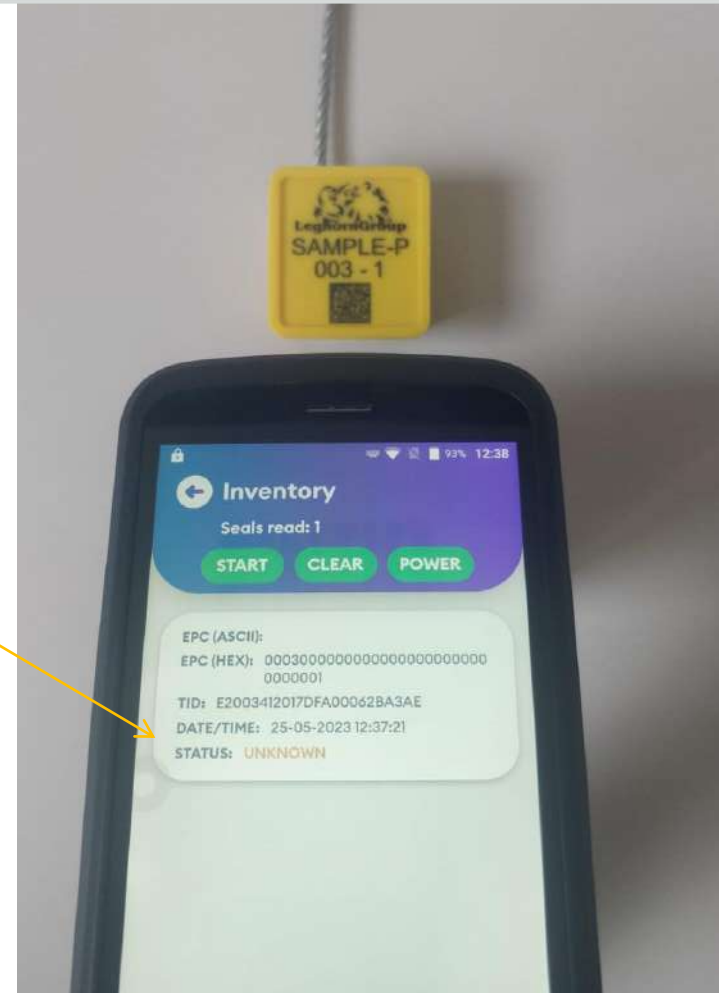


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RFID Minicable seal : reading








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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