



Protection - Control - Identification - Tracking - Rfid solutions

www.leghorngroup.com

UHF RFID CABLE SEAL Tamper Evident

High level of security for
different applications

Made by LeghornGroup



Photos and drawings are purely indicative. Sizes and colors are subject to change.

UHF RFID CABLE SEAL TAMPER EVIDENT

3.5x350mm

- ISO18000-6 UHF tag (EPCglobal Class 1 Generation 2)
- Unique ID (no replica)
- Read/write User Memory

Detection of two statuses:

- Closed – **Green light**
- Tampered – **Red light**



UHF RFID CABLE SEAL TAMPER EVIDENT

Close = STATUS **OK**

When properly locked, the e-seal shows "OK" at RFID reading

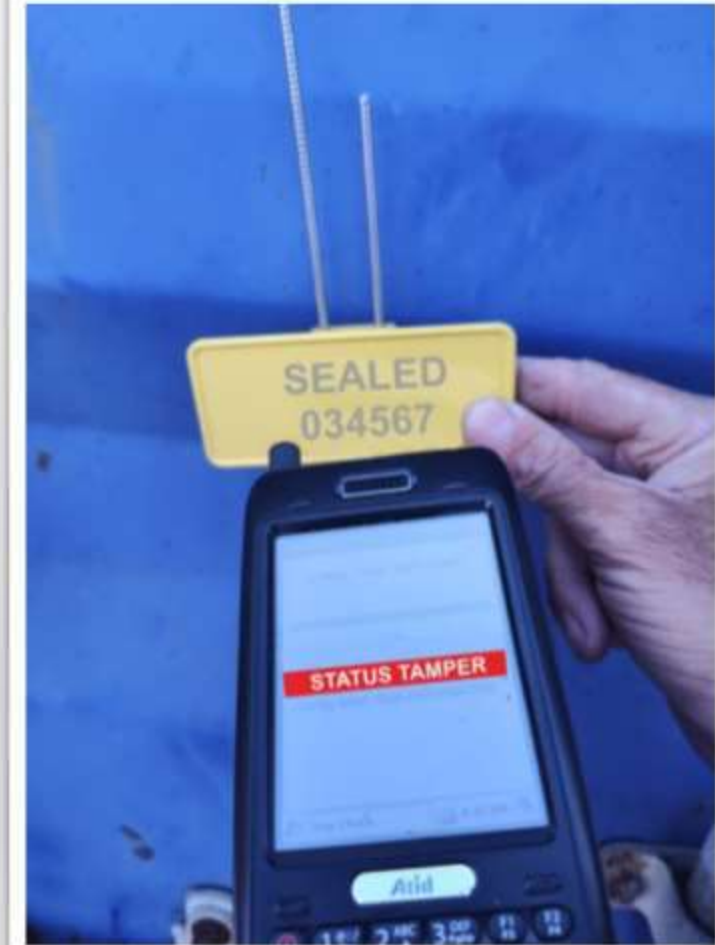


UHF RFID CABLE SEAL TAMPER EVIDENT

Cut = STATUS **TAMPER**

UHF RFID Tamper Evident seals show their tamper status of the seal, either BREACHED or INTACT.

Any tampering event with the seal is **permanently stored in its RFID chip's memory.**



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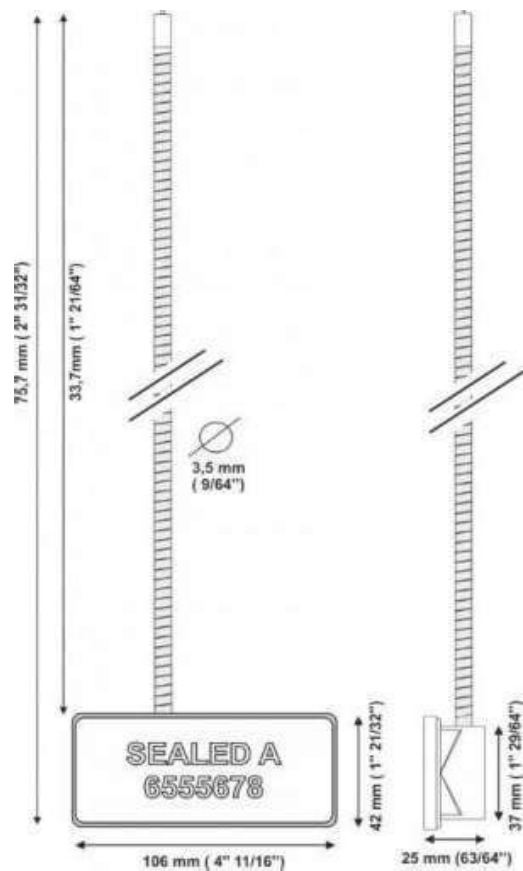
Radio Frequency Specification:

- Frequency: 860 – 960 MHz
- Reference RF Standard: ISO/IEC 18000-6C
- RF Protocol: EPCglobal Class 1 Gen2
- Technology: Passive NXP
- Integrated circuit: G2iM+
- User read / write memory: yes - up to 640 bit
- Memory size: from 128 bit up to 448 bit of EPC
- TID (Tag Identifier): Memory 96 bit, including 48-bit factory locked
- Password protection: yes
- Tamper Detection: yes
- Read / write cycle: yes 10K
- Data retention: 20 year



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Mechanical Specification:



- IP Protection : IP66
- Operative Temperature: - 20°C / +55°C
- Storage Temperature: - 30°C / +80°C
- Size Electronic Part (flag): mm 42 x 115 x 4 (1" 21/32" x 4" 17/32" x 5/32")
- Wire standard length: 350 mm (1" 21/64")
- Wire diameter: 3,5 mm (9/64)
- Weight: 61 g
- Material: carbonitrued steel + ABS in accordance with Restriction of Hazardous Substances (RoHS), European Directive 2002/EC

Performance

- Reading distance by handheld reader: 3 m (118" 7/64") (depending on reader)
- Reading distance at gate reader: 8 m (314" 61/64") (depending on reader)
- Quality: 100% performance tested

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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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