LeghornGroup®

Protection - Control - Identification - Tracking - Rfid solutions

www.leghorngroup.in

UHF RFID CABLE SEAL
Tamper Evident

High level of security for different applications

Made by LeghornGroup

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

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Close = STATUS OK

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

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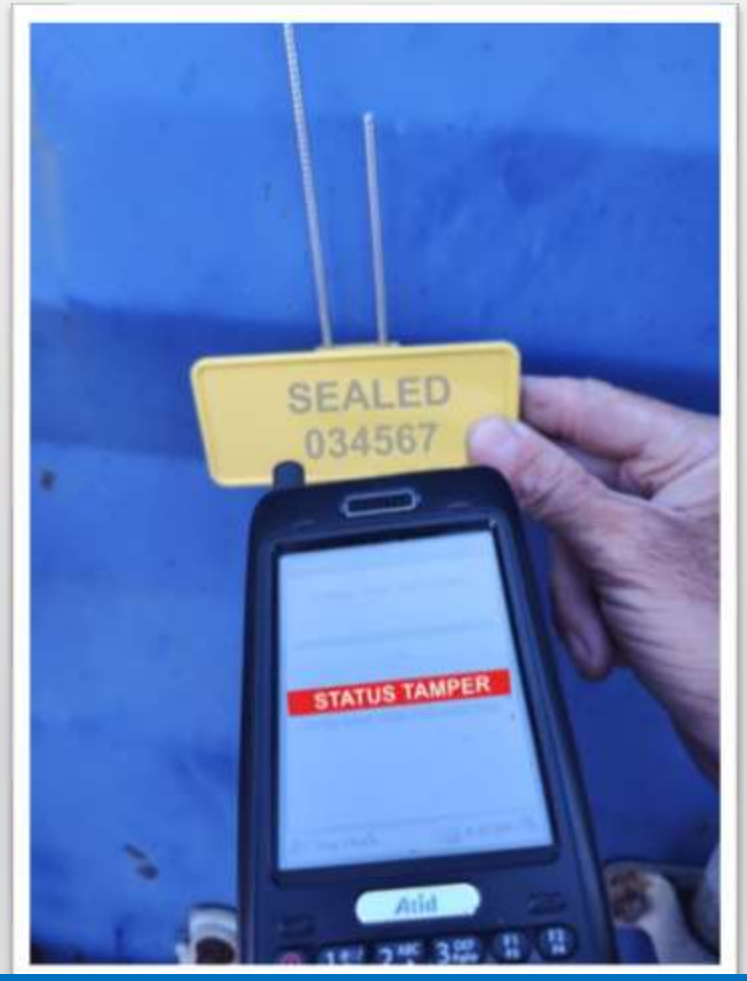


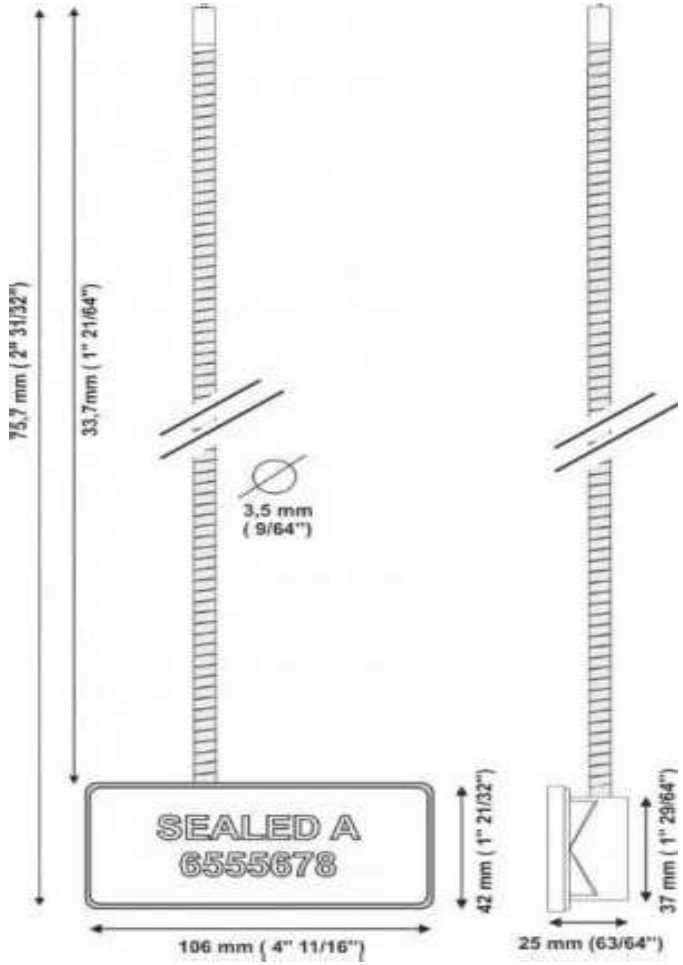
Cut = STATUS TAMPER

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

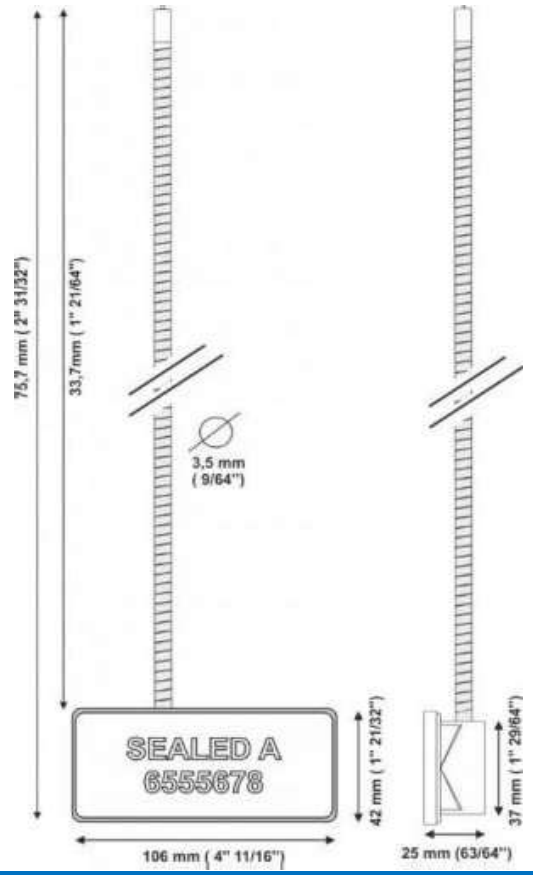
Any tampering event with the seal **is permanently stored in its RFID chip's memory.**

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
Password protection:	factory locked
Tamper Detection:	yes
Read / write cycle:	yes 10K
Data retention:	20 year



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: carbonitrured 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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