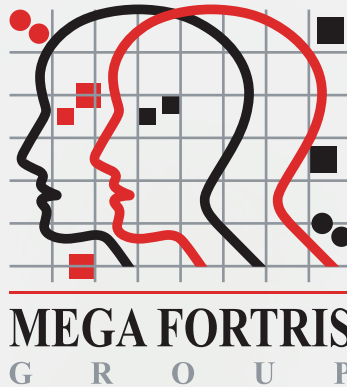




## HIGH SECURITY SEAL

### MEGALOCK (ML), 2K MEGALOCK (2K ML), FLEXI MEGALOCK (FLX ML)

Fixed Locking Barrier Seal

*Epitome of combination for absolute security.*

Megalock series is a combination structure of a container bolt and a cable barrier seal to achieve robust security for high-value assets. With precisely designed locking mechanism and cable length, it is strong and durable for all securing purposes. This seal complies with ISO 17712 and CTPAT with clear evidence of tampering from its innovatively designed locking mechanism. These seals include the BioSphere bio-additive.

To provide eco-conscious solutions on a wide array of applications, all Mega Fortris' security seal product lines with plastic content will include the BioSphere bio-additive from 13th May 2024.

#### Applications:

- Containers
- Trucks
- Trailers
- Rail Cars

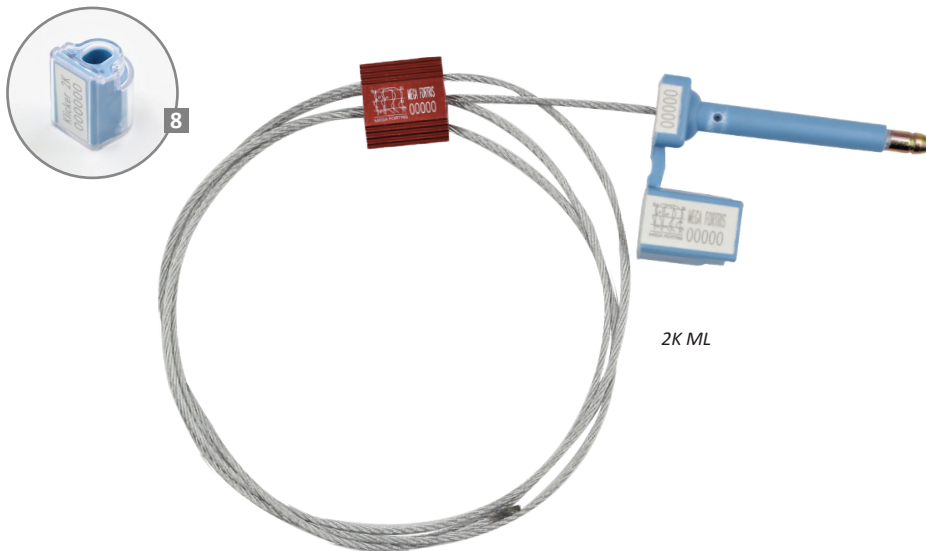


Our biodegradable plastic additives go deeper, allowing microbes to consume the C-C bonds within plastic's structure at a macromolecular level. This increases the surface area of plastic products and enables plastophilic microbes to attach to the polymer's newfound cavities. So, unlike regular plastic that can sit in a landfill for hundreds or thousands of years, plastic enhanced with BioSphere attracts over 600 different types of microbes that effectively digest and consume it.

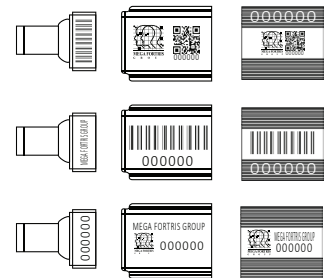
PREVENTION • PROTECTION • PEACE OF MIND



*The depicted seal is for illustration purposes only.*



## LASER MARKING OPTION



## VIEW APPLICATION VIDEO



- 1 Megalock is a structure of container bolt seal and MCL 250, connected with non-preformed galvanised steel wire that unravels upon cutting to show clear evidence of tampering.
- 2 Double locking mechanisms on the seal provide an extensive locking to secure the assets and provide clear evidence of tampering.
- 3 MCL 250 consists of an aluminium body and galvanised steel wire that is pulled to tightly secure assets and provide clear tell-tale signs of tampering.
- 4 The rib exterior is designed to protect the laser markings during rough handling with anodisation of solid colour for colour coding.
- 5 Irreversible identifiers such as name, logo, barcode, serial number and QR code are laser-marked for further identification security and to prevent parts substitution or replacement.
- 6 Container bolt seals feature a locking mechanism that allows only one-way entry and provides strong resistance against tampering.
- 7 Hardened steel pin and bush are moulded in high-impact plastic material to form into a durable pin and plastic barrel while withstanding extreme weather conditions of -20°C to 80°C. Pin and barrel are paired engraved for easier handling.
- 8 These seals include the BioSphere bio-additive.
- 9 The seal is designed, tested and certified ISO 17712:2013.
- 10 The options available for container bolt seals are Klicker, Klicker 2K, and Flexi Klick.

## Klicker (ML)



*Ribbed design on the barrel prevents tampering on the identifier.*

## Klicker 2K (2K ML)



*Two colours on the Klicker 2K pin and barrel improve laser marking definition, visibility, and identification.*

## Flexi Klick (FLX ML)

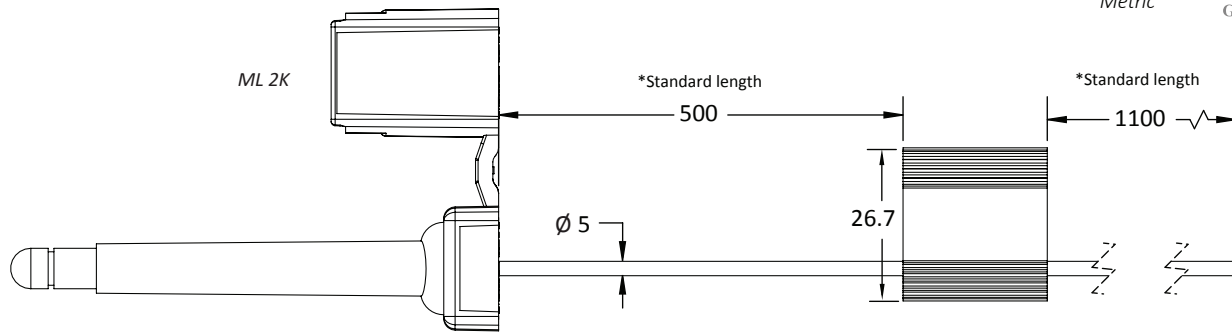


*The seal is safer to cut and provides excellent protection against crude tools for its extra-long flexible steel wire cable pin. The pin will bend upon impact.*

*Wavy surface on the pin and ribbed design on the barrel prevents tampering on the identifier.*

**Updated Date : 29 July 2025**

Metric



## TECHNICAL SPECIFICATIONS

\*Customisable cable length upon request.

### PRODUCT - MEGA LOCK (ML), 2K MEGA LOCK (2K ML), MEGA FLEXI KLIKK (FLX ML)

| Code   | Material                                                                                                                                                                   | Locking Length (mm) | Locking Size (mm) | Tensile Strength (kgf) | Marking Area (mm)                                                                | Max Marking Digits                       |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|------------------------|----------------------------------------------------------------------------------|------------------------------------------|
| ML     | <b>Plastic:</b><br>High-impact Polypropylene (PP)<br><b>Pin &amp; Bush:</b><br>Hardened Steel<br><b>Cable Body:</b><br>Aluminium<br><b>Cable:</b><br>Galvanised Steel Wire | 55<br>(2.2 in)      | ∅ 7<br>(0.3 in)   | ≥1000<br>(≥2204.6 lbf) | <b>Pin:</b> 5 x18<br>(0.2 x 0.71 in)<br><b>Barrel:</b> 10 x 24<br>(0.4 x 0.9 in) | <b>Serial no:</b> 8<br><b>Barcode:</b> 8 |
|        |                                                                                                                                                                            | 180<br>(7.1 in)     | ∅ 2.5<br>(0.1 in) | ≥280<br>(≥617.3 lbf)   | <b>Body:</b> 0.9 x 21<br>(0.03 x 0.8 in)                                         | <b>Serial no:</b> 6<br><b>Barcode:</b> 7 |
| 2K ML  |                                                                                                                                                                            | 52<br>(2.2 in)      | ∅ 7<br>(0.3 in)   | ≥1000<br>(≥2204.6 lbf) | <b>Pin:</b> 5 x 12<br>(0.2 x 0.5 in)<br><b>Barrel:</b> 10 x 24<br>(0.4 x 0.9 in) | <b>Serial no:</b> 8<br><b>Barcode:</b> 8 |
|        |                                                                                                                                                                            | 180<br>(7.1 in)     | ∅ 2.5<br>(0.1 in) | ≥280<br>(≥617.3 lbf)   | <b>Body:</b> 0.9 x 21<br>(0.03 x 0.8 in)                                         | <b>Serial no:</b> 6<br><b>Barcode:</b> 7 |
| FLX ML |                                                                                                                                                                            | 79<br>(3.1 in)      | ∅ 8<br>(0.3 in)   | ≥1000<br>(≥2204.6 lbf) | <b>Pin:</b> 7 x 18<br>(0.3 x 0.7 in)<br><b>Barrel:</b> 15 x 25<br>(0.6 x 1.0 in) | <b>Serial no:</b> 8<br><b>Barcode:</b> 8 |
|        |                                                                                                                                                                            | 180<br>(7.1 in)     | ∅ 5<br>(0.2 in)   | ≥1000<br>(≥2204.6 lbf) | <b>Body:</b> 14 x 30<br>(0.55 x 1.2 in)                                          | <b>Serial no:</b> 6<br><b>Barcode:</b> 7 |

### PACKAGING

| Carton       | Quantity | Dimensions (mm)                           | Gross Weight (kg)  | Volume (m <sup>3</sup> ) | Standard Colours                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------|----------|-------------------------------------------|--------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ML Inner     | 50       | 300 x 270 x 160<br>(11.8 x 10.6 x 6.3 in) | 5.855<br>(12.9 lb) | 0.013<br>(0.5 cu. ft.)   | Plastic : <span>WH</span> <span>PSYL</span> <span>PSOR</span> <span>PSRD</span> <span>PSBL</span> <span>PSGN</span> <span>BK</span><br>Klicker 2K Marking Area : <span>WH</span><br>Klicker & Flexi Klick Body : <span>WH</span> <span>PSYL</span> <span>PSOR</span> <span>PSRD</span> <span>PSBL</span> <span>PSGN</span> <span>BK</span><br>Aluminium : <span>G</span> <span>R</span> <span>B</span> <span>BK</span> <span>GD</span> <span>SC</span> |
| 2K ML Inner  | 50       | 300 x 270 x 160<br>(11.9 x 10.6 x 6.3 in) | 6.000<br>(13.2 lb) | 0.013<br>(0.5 cu. ft.)   |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| FLX ML Inner | 50       | 300 x 270 x 160<br>(11.8 x 10.6 x 6.3 in) | 8.310<br>(18.3 lb) | 0.013<br>(0.5 cu. ft.)   |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

For colour customisations, kindly contact us for further information.

Carton size and weight vary according to cable length. Figures shown in the table are for the standard cable length packaging. Please contact us for additional details.

Updated Date : 29 July 2025