

# HERCULES SEAL

## BUILT FOR USE WITH SECURVISION SYSTEM

Disposable Bolt: Part No. 1950224  
Reusable Body: Part No. 1950335  
Locking Cap: Part No. 1950226



## ISO 17712 "HIGH SECURITY", REUSABLE BARRIER TYPE BOLT SEAL COMBINED WITH ELECTRONICS

### Applications

- Maritime Containers
- Trailers
- Rail Cars
- Air Cargo Containers

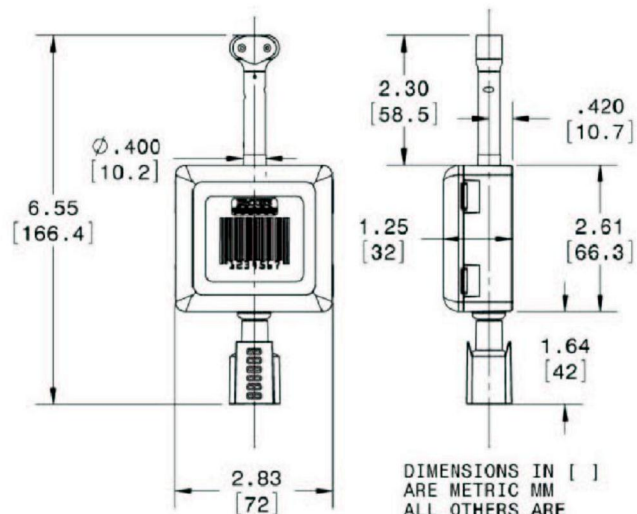
### Seal Features

- Reusable seal body made of durable polycarbonate.
- Barrier-type seal that communicates ID number and integrity via Zigbee™ to the tracking device.
- Tamper signal is transmitted when attempt is made to violate the seal
- Seal complies with ISO/PAS 17712:2006.
- Seal provides more than 2000 lbs (907 kgs;kN) of pull-out strength – bolt cutters needed for removal.
- Each seal contains a unique seal number, which is electronically hard-coded into the seal's data bank.
- Bolt is made of 5/16" (8mm) steel.
- Steel lock nut is encased in a durable, impact resistant plastic housing.
- Battery has a shelf life of 3 years; 1 year minimum transmitting.
- Optimum 250 meter (270 yard) read distance
- Tag is completely asleep until bolt insertion. Once bolt is inserted, the Circuit card will wake up and tag can be registered & associated.
- Operating Protocol: Zigbee™, IEEE 802.15.4
- Operating Frequency: 2.45 GHz

### Environmental

- Temperature:  
Operating: -40 °F to 158 °F (-20 °C to +70 °C)
- Humidity: 95% non-condensing at 158 °C (70°C)
- Assembled seal meets and/or exceeds Mil-Std-108E sect. 4.10 requirements for 'splashproof' and 'spraytight'

U.S. Patent No. 6,265,973; 6,407,666 B1  
China Patent No. 00806286.2  
Worldwide Patents Pending



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