

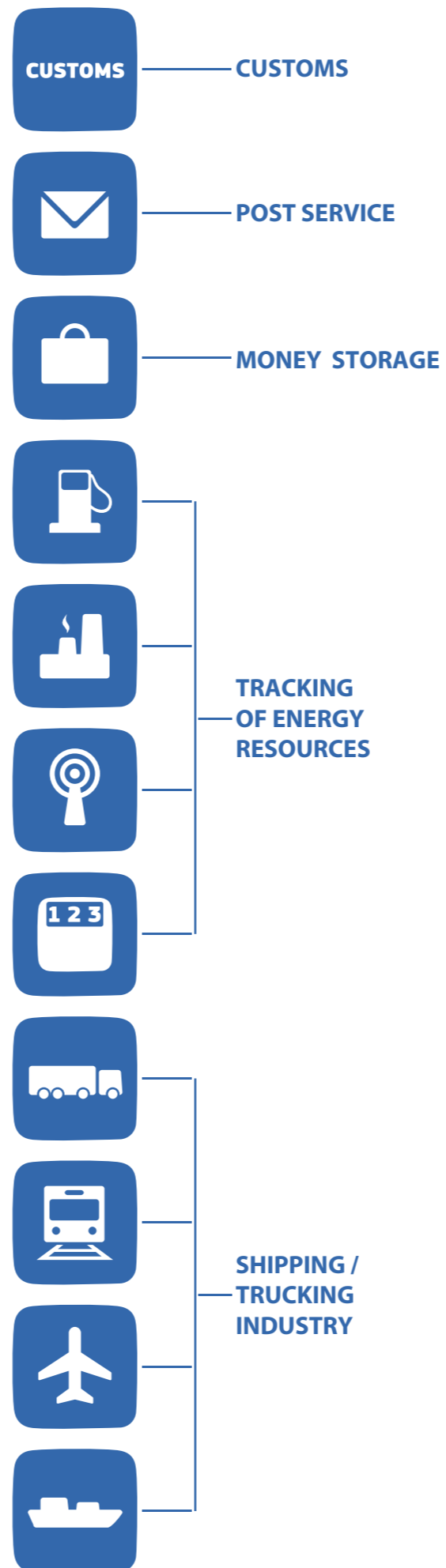


ЕЛЕКТРОЛЮКС  
**Electrolux**  
SERVICE FACTORY EXPORT-IMPORT

## TOP OF YOUR SECURITY!

Catalog





**SNAP LOCK**



**STRAP LOCK**



**SCUT**



**INNER FORCE**



**PIPE LOCK**



**TITAN**



**GARDA N**



**OLI LOCK**



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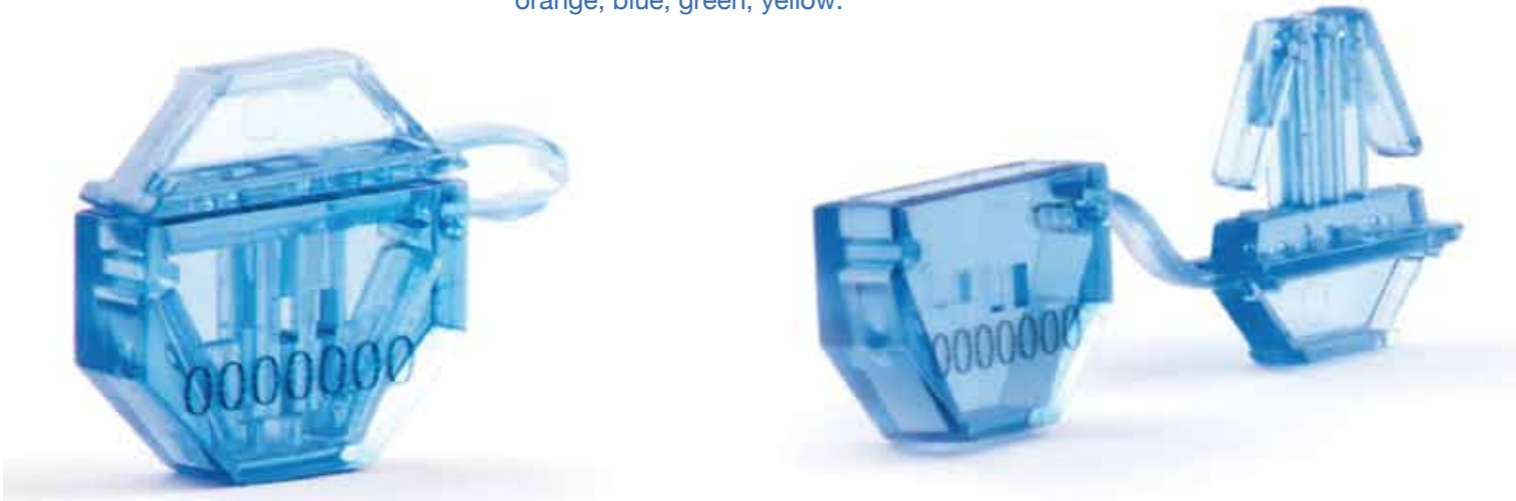
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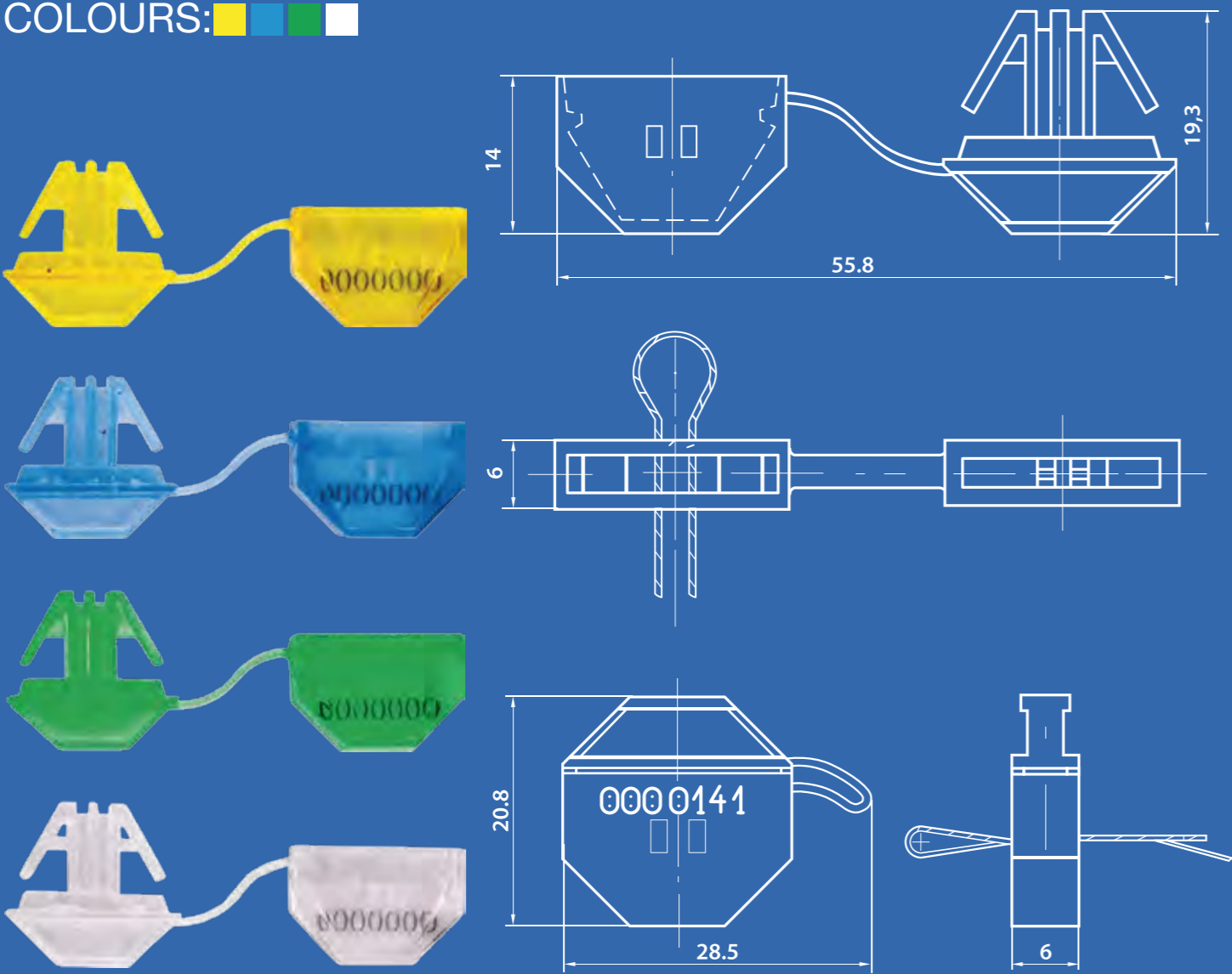


# SNAP LOCK

SNAP seal belongs to the class (type) of indicative seals (IS) and is meant for sealing various stable objects, containers, storage tanks, warehouses, safes, meters, devices, rooms, etc. when applied, the seal has the form of a regular-shaped 21-millimeter octagon. Flexible blocking element is represented by a combined wire of 0.8 mm in diameter (kapron plus corrosion-resistant wire). SNAP seal is made of transparent polycarbonate of different colors – natural, orange, blue, green, yellow.



COLOURS:    



## MARKING

- The seal has the following marking: a seven-digit number by laser printing method.
- Logotype – may be marked by black laser printing.
- Weight of the seal does not exceed 2 g.
- Locking force of the seal (by hand) does not exceed 6 kg/cm.
- The seal is able to work within temperature range -40°C to +60°C.
- Shelf life of the seal – 5 years upon manufacturing.
- Structure of the seal ensures one-time application – its reapplication is excluded.
- 100% incoming material control during manufacturing of the seal and use of the company's proper machining attachments ensure stable high quality of the product.

## SNAP LOCK



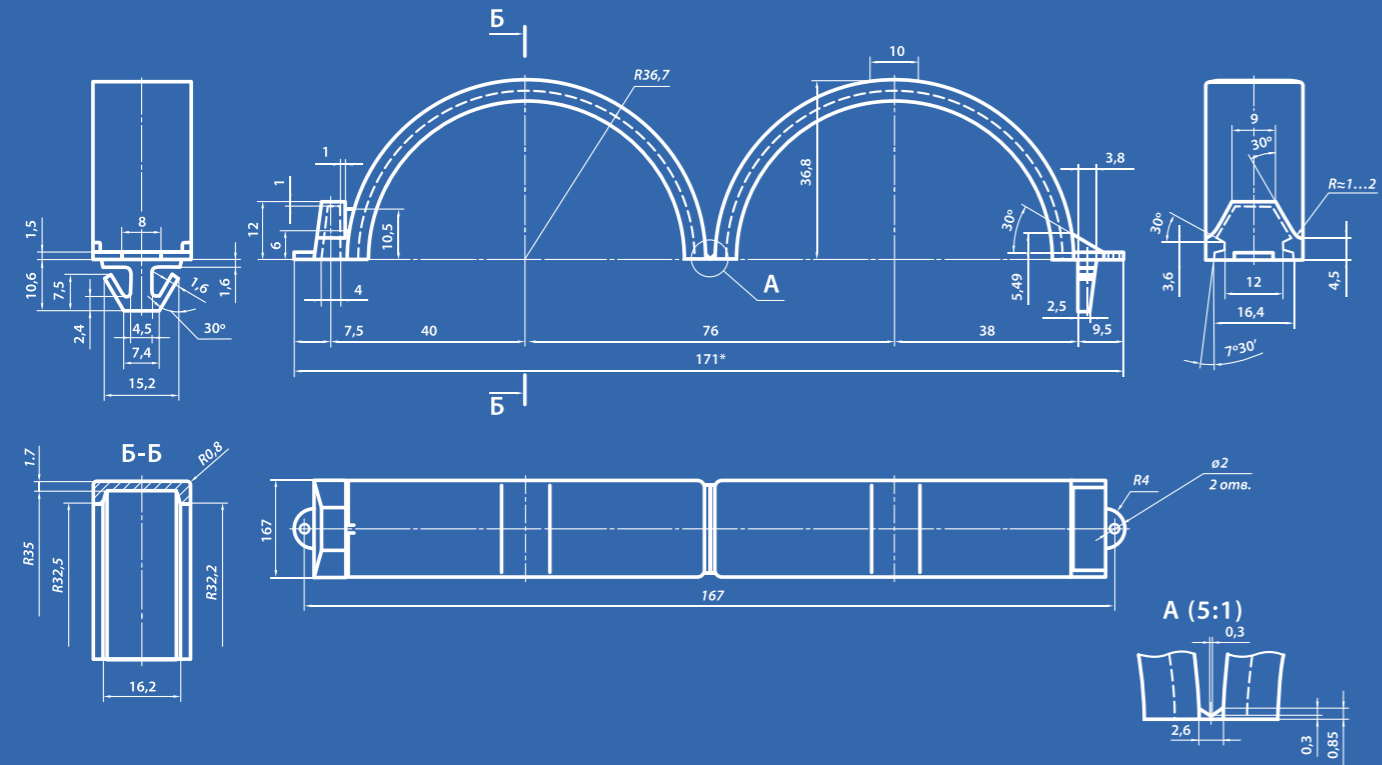


# PIPE LOCK

The device belongs to the class of indicative seals (IS). It is cast as two semicircles connected by a bridge. The seal is made of polypropylene.



COLOURS:



## Water Meter Seal:

- Overall dimensions of the assembled device make up 37x46x18.
- The seal is meant for sealing water meters (flow meters).
- It is placed on a coupling nut, completely blocking the access to it and thus excluding the possibility of its unscrewing from the pipe (from the water meter).
- The seal is meant for placing on the pipe coupling □ G - □ G (pipe meter).
- Overall dimensions of the coupling nut must not exceed 45x16 mm.
- Marking is made by laser printing method: seven-digit number is marked on both semicircles of the seal.
- Force of the device does not exceed 4 kg/cm. Application does not require special skills and special instruments.
- The device is able to work within temperature range -40°C to +60°C.
- Shelf life – 5 years upon manufacturing.

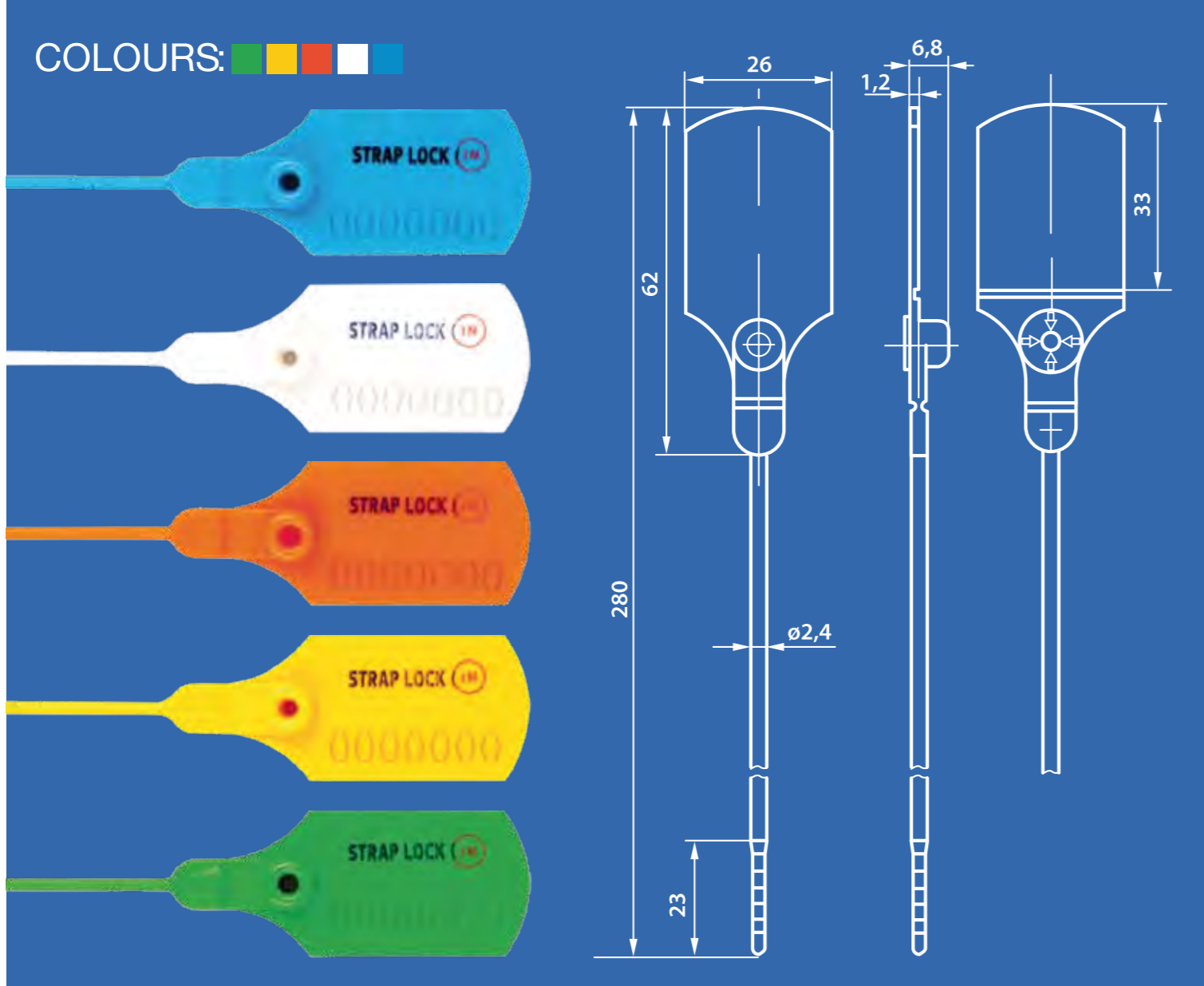
## PIPE LOCK





# STRAP LOCK

Band seal belongs to the class of indicative seals (IS). It is meant for sealing stable and mobile objects, containers, rooms, devices, warehouses, depositories, vehicles, mailing units, etc.



## ADVANTAGES:

- Overall dimensions – 280 x 26 x 6.5 mm. Diameter of the blocking element makes up 2.4 mm, its length being 220 mm. Weight of the seal makes up 2.7 g.
- Case of the seal is polyethylene-cast. Seven-digit number is marked by laser printing method. Logotype may be marked in two ways: black logotype may be marked by laser printing method, multicolored logotype may be marked by tampon printing.
- Packing of 1,000 pcs. in cardboard basket (10 plastic sacks x 100 pcs. = 1,000 pcs.).
- Seals of different colors can be made: white, blue, red, green, yellow.
- Color may be chosen at customer's request.
- Structure of the seal ensures one-time application – its reapplication is excluded.
- Application (hanging) of the seal does not require special skills or special instruments.
- The seal is able to work within temperature range -40°C to +60°C.
- Shelf life – 5 years upon manufacturing.
- Clamping mechanism (split terminal) is made of stainless steel.

## STRAP LOCK



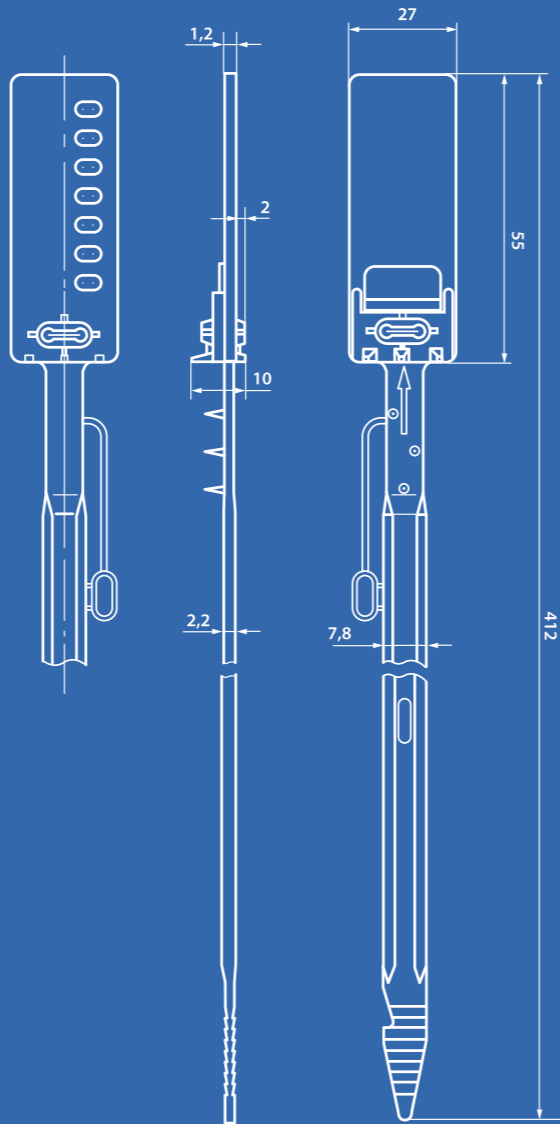


# BAG SEAL

The adjustable flange type seal belongs to a class of indicative (IS). It is designed for sealing stable and mobile objects, containers, rooms, equipment, stores, warehouses, distribution units, etc. Ideal for identification and closed bags.



COLOURS:



## ADVANTAGES:

- The presence of 6 barbs allows a firm seal on the neck of the bag. Has label holder.
- Overall dimensions - 207x412x10mm. The weight of the seal is 5 g.
- The seal is encapsulated molten polyethylene. The clamping mechanism (split terminal) is made of stainless steel.
- Structure of the seal ensures one-time application – its reapplication is excluded. The application (hanging) of the seal requires no special skills or tools.
- The seal capable of working within a temperature range of -40°C to +60°C.
- Self life - 5 years upon manufacturing.

## MARKING:

- A seven-digit number is marked by laser printing method. The logotype may be marked in two ways: black logo may be marked by laser printing method; multicolored logotype may be marked by tampon printing.

## PACKAGING:

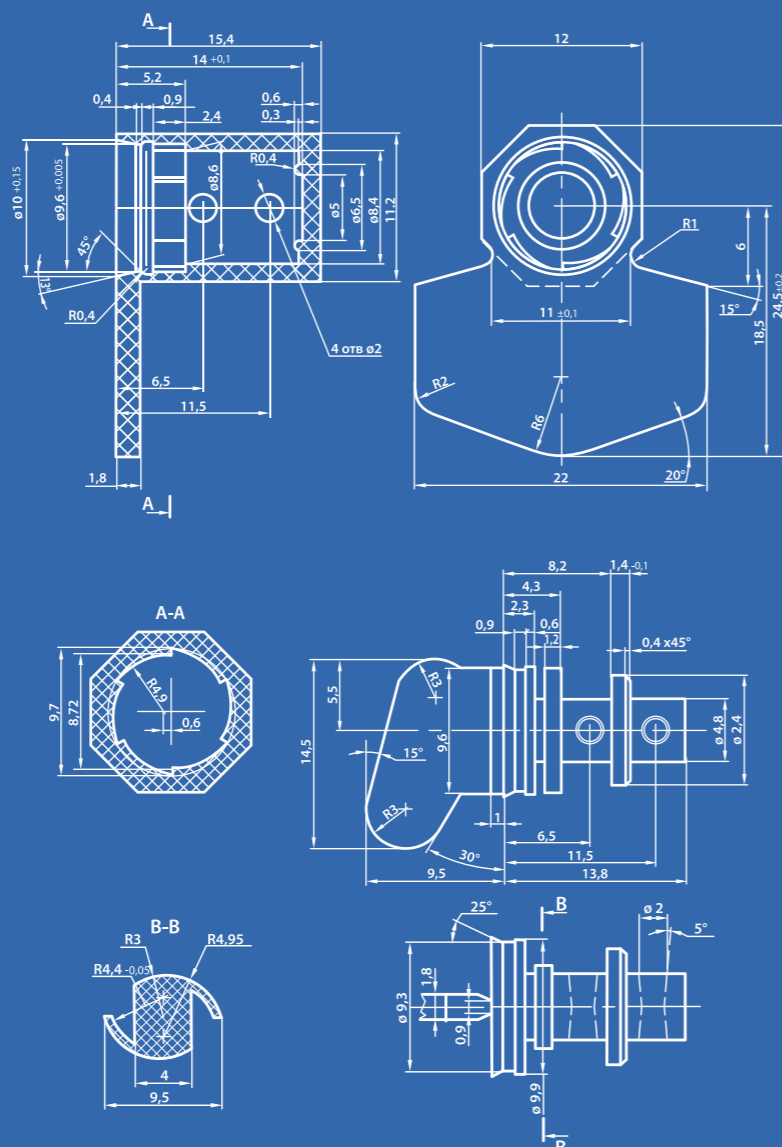
- Packing of 1.000units in cardboard basket (10 plastic sacs x 100 pcs. = 1.000 pcs.). The weight of a seal box is 5.7 Kg.

## BAG SEAL





The “Scut” seal is meant for sealing of measuring equipment, distribution cabinets, metering devices, premises and many other items, for provision of sealing safety of which the pulling of seal cable is needed.



- Resistant to change of climatic conditions, withstands extreme temperature range  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ ;
- Easy to apply without sealing device;
- Transparent outer case is made of PET, thus making the seal environmentally safe;
- Rotating insert is made of polystyrene; 5 different colors are used in its standard variant;
- Flexible galvanized cable is 0.6 – 0.7 mm in diameter;
- Marking of a seven-digit number ensures effective protection against repeated numeration;
- Inside mechanism rotates in one direction only thus ensuring impossibility of cable withdrawal after application of the seal;
- Name of the manufacturing company – Olimp – is marked on the seal case.

- Standard variant allows marking of seven letters and a seven-digit number.
- Symbols are up to 2.5 mm high and can be made in three colors (black, white and red).
- Under special order, 11 letters up to 2 mm high can be marked.

- Cable is made of galvanized steel and is up to 0.7 mm in diameter.
- In standard variant length of the cable makes up 250 mm.
- Under special order, cable may be made longer.

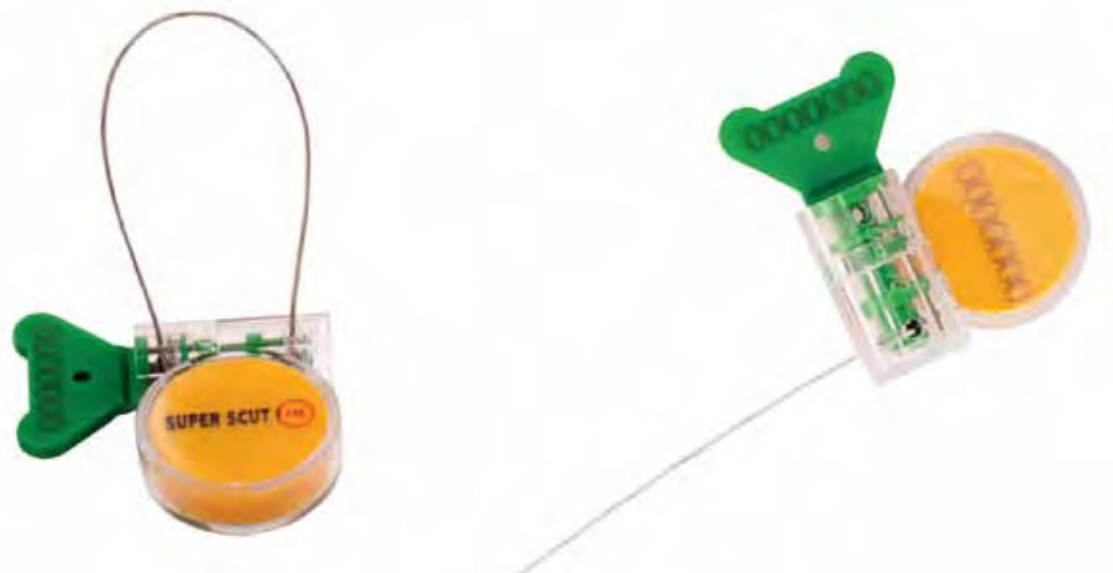
Seals are packed in plastic sacks, 100 pcs. in each., and after that in cardboard baskets, 1,000 seals in each. Weight of one basket at the standard cable length makes up 3.530 kg.

- Insert loose end of the cable in the hole subject to sealing.
- Move loose end of the seal through the hole in the case of the seal.
- The cable is manually drawn tight in the seal, until the loop between the seal and device shrinks to 4-5 mm
- To lock the seal rotate the colored insert in the seal case clockwise not less than 3 times.
- After this the projected part of the colored inset breaks off, and the seal is considered to be mounted.

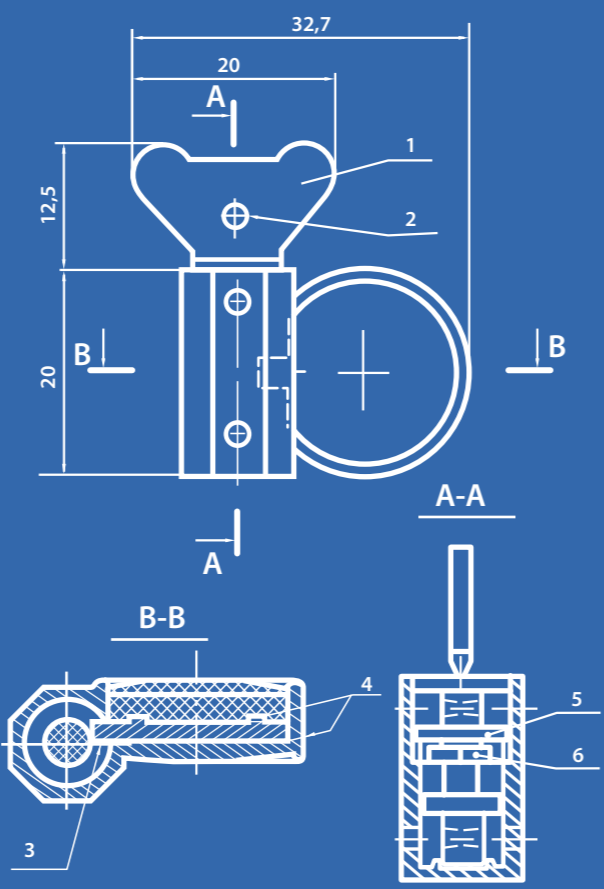


# SUPER SCUT

The “Super-Scut” seal is meant for sealing of measuring equipment, distribution cabinets, metering devices, premises and many other items, for provision of sealing safety of which the pulling of seal cable is needed.



COLOURS: 



## MOUNTING RULES:

- Put the loose end of the cable in the hole of the item which should be sealed.
- The loose end of the cable is moved through the hole in the case of the seal.
- The cable is manually drawn tight in the seal, until the loop between the seal and device shrinks to 4-5 mm.
- This requires rotating the colored insert in the seal case clockwise not less than 3-4 times. After this, the projected part of colored insert (hasp) is broken off and the seal is considered to be mounted.

## ADVANTAGES:

- Is resistant to the change of climatic conditions, stands extreme temperature regimes.
- It can be easily mounted without a sealing machine.
- The transparent case allows using different color variations of the inner parts of the seal. Numbers and customer's logo are protected from unauthorized modification with the help of plastic.
- There is a hole in the part which is broken off during the mounting (the hasp), for sewing the hasp to the record card, therewith there is a possibility of putting the number on the hasp.
- Flexible galvanized cable with the diameter of 0.6 – 0.7 mm and breaking load of 250 N.
- Marking of a seven-digit number protects safely from the repeat in numeration.
- Duplication of the seven-digit number on the case provides the additional security level.
- The internal mechanism rotates only in one direction (clockwise), which makes the extraction of the cable after the mounting of seal impossible.
- The name of manufacturing company “Olimp” and the year of manufacture are marked on the cases of seals.
- The “Super-Scut” product cannot be opened without visible deterioration.
- After the final assembly component parts are welded in monoblock unit with the help of modern equipment.
- The extraction of rotating insert, on which the cable is spooled, is possible only by its complete fracture.
- The parts of seal can represent the combination of different colors.
- Numbers, other inscriptions and drawings depicted on the seal are protected by the layer of plastic, which excludes any mechanical impact on them.
- The multitude of colors, monolith case, which safely protects the internal gear, large space for marking of information allow presenting of “Super- Scut” product as one of the safest and informational in this category of seals.

## MARKING ON INSCRIPTIONS:

- The following marking of inscriptions is possible in the standard execution: on one side of seal – seven-digit number and two rows of letters, 5 characters in each row. On the opposite side the inscription can be made in 3 rows, 5, 7 and 5 letters in each correspondingly. Instead of inscription there is a possibility of marking of emblem or trademark of customer company. The characters are up to 2.5 mm high and are of three colors (black, white and red).
- There is the possibility of marking of 11-letter inscription, with the height of font constituting 2 mm by special order.
- Also the marking of number on the “Super-Scut” seals can be executed in 4 ways:
  1. Marking of number only on the front lining.
  2. Marking of number on the front lining and on the case.
  3. Marking of number on the front lining and on the breaking off part.
  4. Marking of number on the front lining, on the case and on the breaking off part of rotating insert.

## CABLE:

- Flexible galvanized cable with the diameter of up to 0.7 mm.
- In standard execution the length of cable constitutes 250 mm.
- By the special order the length can be extended.

## PACKAGING:

- Seals are packed in plastic bags, 100 items in each, then in cardboard boxes, 1000 seals in each. With the standard length of the cable, the weight of one box is 5.200 kg.

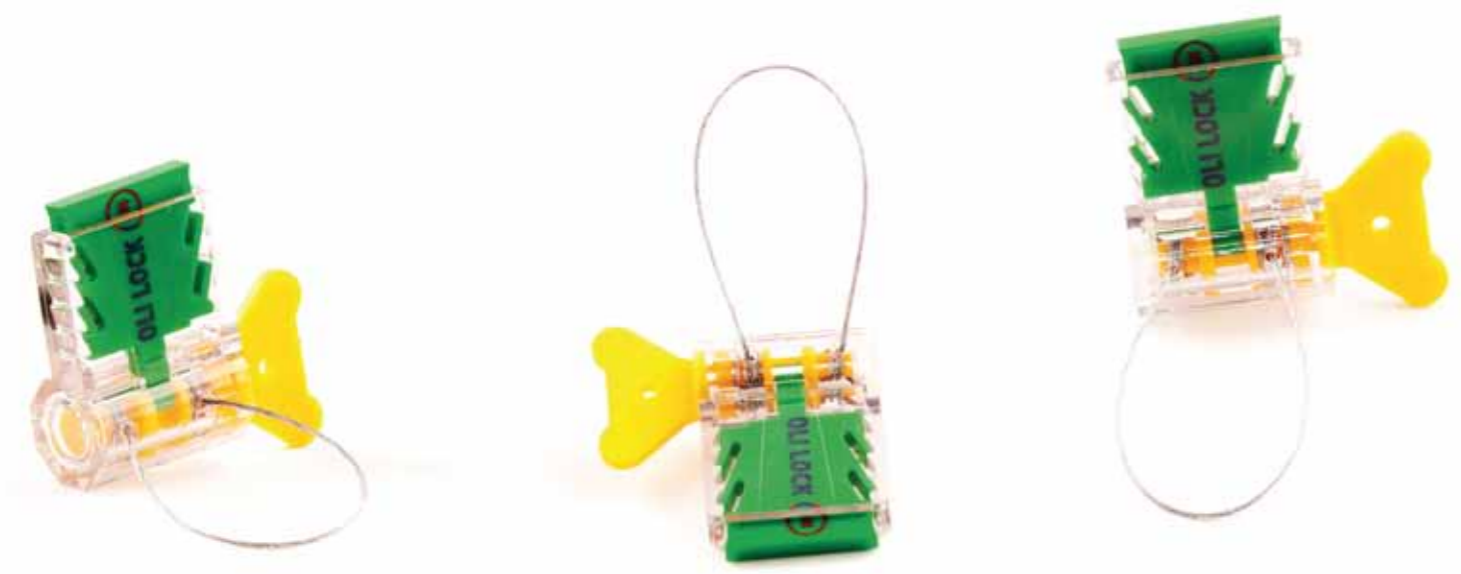
## SUPER SCUT



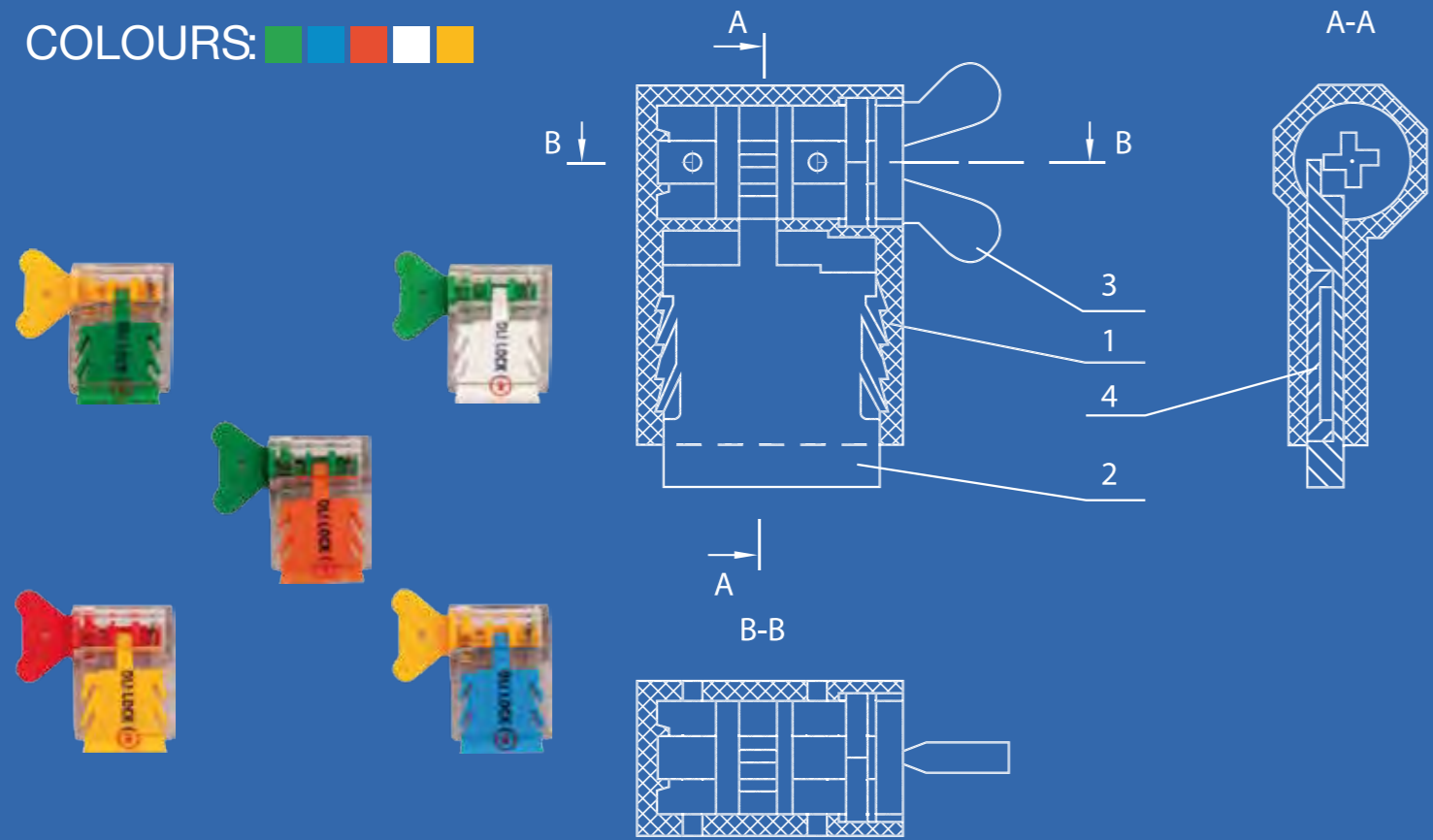


# OLI LOCK

The “OLILOCK” seal is meant for sealing of measuring equipment, distribution cabinets, metering devices, premises and many other items, for provision of sealing safety of which the pulling of seal cable is needed.



COLOURS: 



## INSTALLATION INSTRUCTIONS:

- Put the loose end of the cable in the hole of the item which should be sealed.
- The loose end of the cable is moved through the hole in the case of the seal.
- Rotate the rotating insert clockwise not less than 3-4 times. It is recommended to stop the rotating insert in horizontal position.
- Without the breaking the projected part of rotating insert, push the blocking insert inside the case of the seal
- After this, break the projected part of colored and the installation is complete.

## ADVANTAGES:

- Resistant to the change of climatic conditions, stands extreme temperature regimes.
- It can be easily mounted without a sealing machine.
- The transparent case allows using different color variations of the inner parts of the seal. Numbers and customer's logo are protected from unauthorized modification with the layer of plastic.
- Flexible galvanized cable with the diameter of 0.6 – 0.7 mm and breaking load of 250 N.
- Marking of a seven-digit number protects safely from the repeat in numeration.
- Duplication of the seven-digit number on the case provides the additional security level.
- The internal mechanism rotates only in one direction (clockwise), which makes the extraction of the cable after the mounting of seal impossible.
- The name of manufacturing company “Olimp” and the year of manufacture are marked on the cases of seals.
- The “OliLock” security seal cannot be opened without visible deterioration.
- The extraction of rotating insert, on which the cable is spooled, is possible only by its complete distruction.
- The parts of seal can represent the combination of different colors.
- Numbers, other inscriptions and drawings depicted on the inner part of the seal are protected by the layer of plastic, which excludes any mechanical impact on them.
- The multitude of colors, monolith case, which safely protects the internal gear, large space for marking of information allow presenting of “OliLock” seal as one of the safest and informational in this category of seals.

## MARKING ON INSCRIPTIONS:

- The following marking of inscriptions is possible in the standard execution: on one side of seal – seven-digit number and two rows of letters, 5 characters in each row. On the opposite side is a possible of marking of emblem or trademark of Customer Company.
- There is the possibility of marking of 11-letter inscription, with the height of font constituting 2 mm by special order.
- Also the marking of number on the “OliLock” seals can be executed in 4 ways:
  1. Marking of number only on the insert.
  2. Marking of number on the insert and on the case.
  3. Marking of number on the insert and rotating insert
  4. Marking of number on the insert, case and rotating insert.

## CABLE:

- Flexible galvanized cable with the diameter of up to 0.7 mm. In standard execution the length of cable constitutes 250 mm. By the special order the length can be extended.

## PACKING:

- Seals are packed in plastic bags, 100 items in each, then in cardboard boxes, 1000 seals in each.

## OLI LOCK



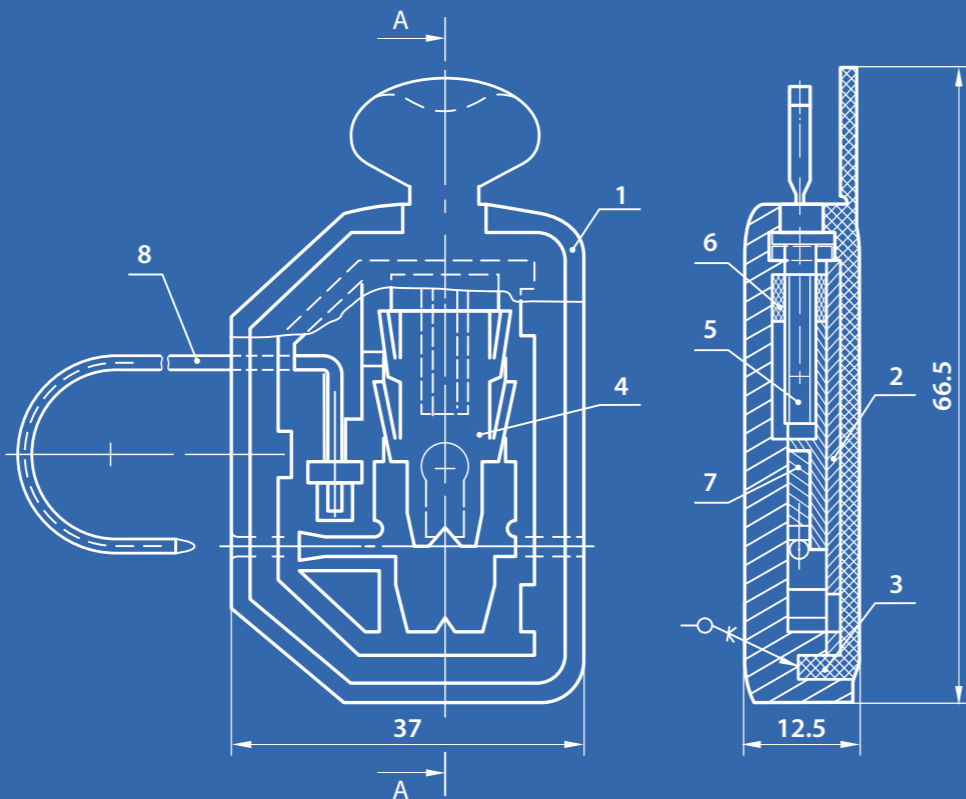


# GARDA N

We offer you to consider our proposal on the delivery of the Garda-N security seal, which is not only versatile but is also original by its design and unique in its class of seals. Vans and tanker trucks, railway tanks, grain carriers, containers; shipping containers, different warehouses, storage facilities, mailbags – this is a far complete list of application fields of this seal.



COLOURS:



## ADVANTAGES:

- The seal has original locking mechanism, which securely holds the cable.
- The presence of protection plate preserves the screw from accidental rotation before the beginning of usage, also giving evidence about the integrity of the seal.
- The presence of inspection window allows visual assurance in the completion of mounting of the seal.
- Does not demand the use of sealing machine.
- Flexible galvanized cable with the diameter of 1.5 mm, breaking load – not less than 1500 N.
- Environmentally sound.
- The case of the seal is non-combustible, made of polystyrene (5 primary colors).
- Stands extreme temperatures.
- Opening without visible marks is excluded, 100% guarantee.
- There is the possibility of mounting of RFID chip.

## MARKING ON INSCRIPTIONS:

- In standard execution it is possible to mark a seven-digit number on the both sides of the seal. There is a logo or trademark of customer company marked on the front side of the seal (single- or multi-color tampon printing). The whole information field is under the transparent protective lid. There is the possibility of marking of inscriptions by special order. The space of the field for marking of inscriptions is 20 mm X 30 mm.

## CABLE:

- Flexible galvanized cable with the diameter of 1.5 mm.
- In standard execution the length of the cable constitutes 350 mm.
- The length of the cable can be extended by special order.

## PACKING:

- Seals are packed in plastic bags, 20 items in each, then in cardboard boxes, 200 seals in each. With the standard length of the cable, the weight of one box with seals is 5.450 kg.

## MOUNTING RULES:

- Reeve the lose end of the cable through the hasps (holes) of the sealed item.
- Then put the cable into the inlet port of the seal, making a loop.
- After doing this, break off the protection plate and rotate the screw clockwise up to the stop.
- The end of the latch should appear in the inspection window.
- Next break off the handle of the screw; there is a thinning on the screw provided with this purpose.
- The mounting of the seal is completed.



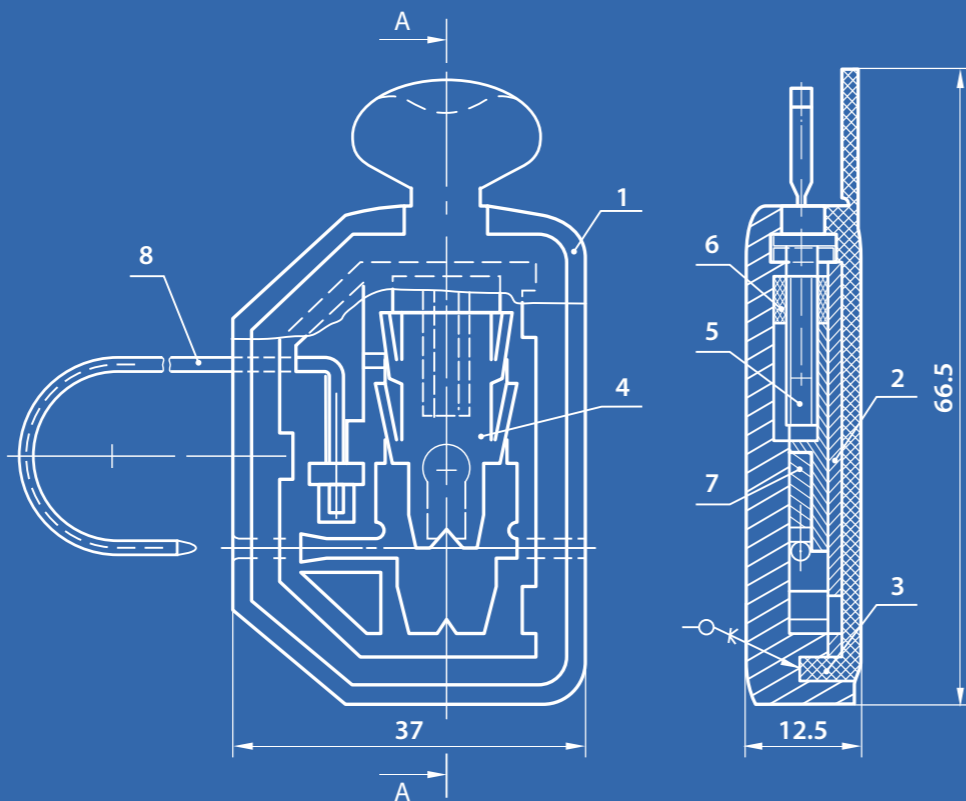


# GARDA N2

Seal «Garda-N2» is a modification of the seal «Garda-N», constructed specifically for sealing of the bags. The main difference is the presence of an additional element with spikes. The spikes prevent the removal of the seal from the bag without any damage or visible traces.



COLOURS: 



## ADVANTAGES:

- The seal has original locking mechanism, which securely holds the cable.
- The presence of protection plate preserves the screw from accidental rotation before the beginning of usage, also giving evidence about the integrity of the seal.
- The presence of inspection window allows visual assurance in the completion of mounting of the seal.
- Does not demand the use of sealing machine.
- Flexible galvanized cable with the diameter of 1.5 mm, breaking load – not less than 1500 N.
- Environmentally sound.
- The case of the seal is non-combustible, made of polystyrene (5 primary colors).
- Stands extreme temperatures.
- Opening without visible marks is excluded, 100% guarantee.
- There is the possibility of mounting of RFID chip.

## MARKING ON INSCRIPTIONS:

- In standard execution it is possible to mark a seven-digit number on the both sides of the seal. There is a logo or trademark of customer company marked on the front side of the seal (single- or multi-color tampon printing). The whole information field is under the transparent protective lid. There is the possibility of marking of inscriptions by special order. The space of the field for marking of inscriptions is 20 mm X 30 mm.

## CABLE:

- Flexible galvanized cable with the diameter of 1.5 mm.
- In standard execution the length of the cable constitutes 350 mm.
- The length of the cable can be extended by special order.

## PACKING:

- Seals are packed in plastic bags, 20 items in each, then in cardboard boxes, 200 seals in each. With the standard length of the cable, the weight of one box with seals is 5.450 kg.



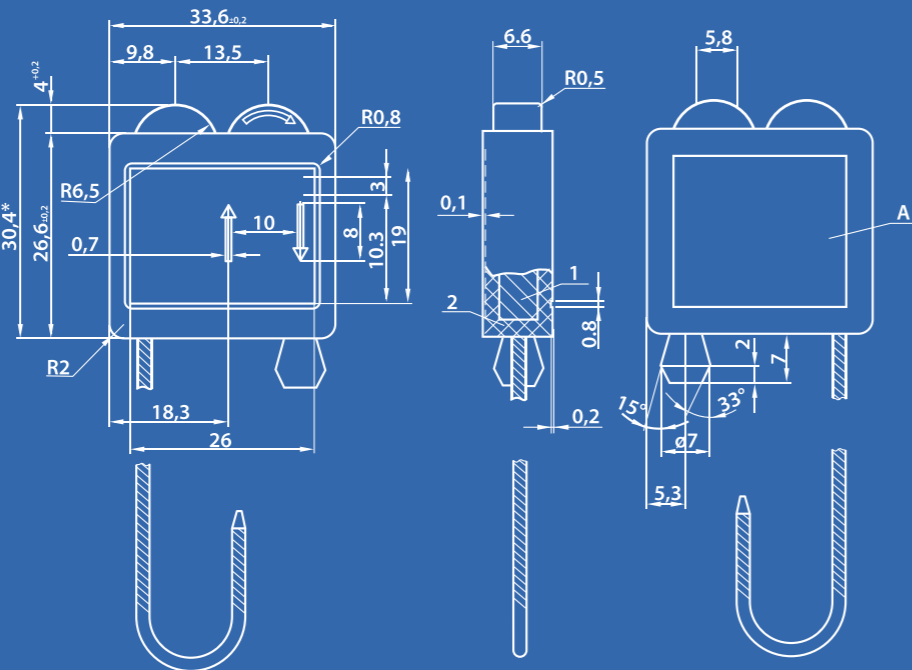


# INNER FORCE

We bring to your notice the InnerForce seal – a versatile device, which allows safe protection from the unauthorized access to cargo vehicles (vans, refrigerator trucks, railway containers, tanks with oil products, grain carriers, shipping containers) warehouses, storage facilities, etc.



COLORES:



## MOUNTING RULES:

- Take the cable, move it to the left and put through the hole in the hasps that are being sealed.
- Thread the cable into the hole situated in the center of the upper part of the seal; pull the cable down along the arrow through the hole.
- Take the loose end of the cable which came out from the below of the seal, pull it up to the stop, minimizing to the utmost the loop around the hasps which are going to be sealed.
- Next take the loose end of the cable and pull it up through the lower hole along the arrow, so that the loop from below completely enters the slot.
- The mounting of the seal is completed.

## ADVANTAGES:

- Belong to the class of high security seals.
- Does not demand the use of sealing machine.
- Flexible galvanized cable with the diameter of 2.25 mm stands the breaking load of not less than 3800 N.
- The name points to the design features – metal-reinforced case, covered with plastic.
- Environmentally sound.
- By sealing of tanks with fuels and lubricants with the help of “InnerForce” device, owing to the plastic layer which covers the case of the seal, the possibility of spark producing is eliminated.
- The case of the seal is non-combustible, and is covered with polystyrene of one of 5 colors.
- The impact-resistant polystyrene is non-toxic, non-explosive; flame temperature is 343 C, temperature of spontaneous combustion – 486 C.
- Heating up to these temperatures is possible only in laboratory conditions.
- Owing to plastic coating, the attempts to change or destroy the marking on the case of seal leave visible marks.
- The use of double, independent from one another locking mechanism excludes the possibility of reverse motion of cable after the final mounting of the seal.
- During the production, the name of manufacturing company “Olimp”, name of the seal and arrows showing the direction of movement of the cable are marked on the case.
- Special design (in appearance the seal is similar to a locomotive) points to one of the main application fields – railway vehicles.
- Unlike the seals of “Bolt” type, compared regarding to the breaking load, it can be used when sealing the locks with offset hole.
- Logos can be marked in different colors.
- Opening without visible marks is excluded – 100% guarantee.
- There is the possibility of mounting of RFID chip.

## CABLE:

- Flexible galvanized cable with the diameter of 2.25 mm.
- In standard execution the length of cable constitutes 400 mm.
- By the special order the length can be extended.

## PACKING:

Seals are packed in plastic bags, 20 items in each, then in cardboard boxes, 200 seals in each. With the length of the cable constituting 450 mm, the weight of one box with seals is 5.990 kg.

## MARKING OF INSCRIPTIONS:

- In standard execution it is possible to mark inscriptions on the front side of the seal in the form of a seven-digit number and two rows of letters, and also to mark a logo or a trademark of customer company on the space of 14 mm X 27 mm.
- It is possible to double the number of the seal on the backside at customer’s request.



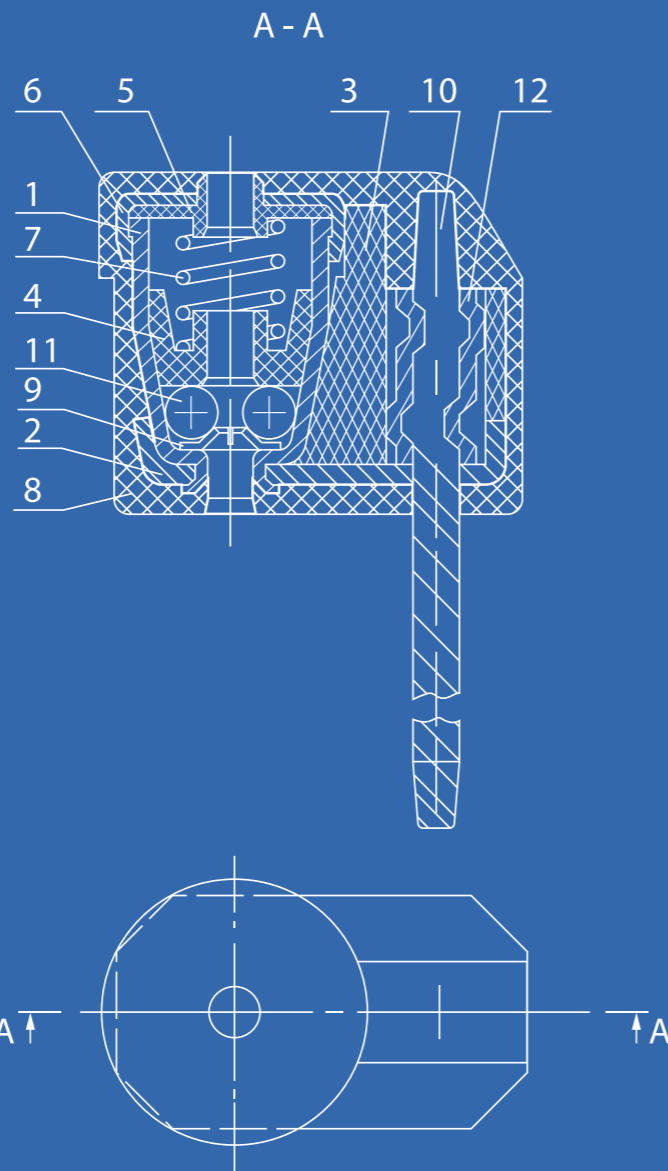


# TITAN

The "Titan" seal is designed for the sealing of railroad cars. This sealing device is versatile and can provide 100% protection against unauthorized access to goods vehicles (railroad containers, tanks with petroleum products, grain, sea containers). Properly installed seals are guaranteed protection against opening without visible traces.



## COLOURS:



## MAIN SPECIFICATIONS:

- Belongs to the class of high security seals.
- Do not require additional sealing tools for installation.
- Flexible galvanized cable with a diameter of 5.2 mm can withstand tensile strength of not less than 20,000 N. (2039 kg).
- The precision locking mechanism is securely protected by steel casing, mounted on the strong base together with a cable. The entire structure is
- coated with a protective layer of plastic.
- Environmentally safe.
- The sealing of tanks with fuel and lubricants exclude the possibility of sparks due to protective plastic coating.
- The housing of the seal is fire safe and coated with ABS plastic of one of five colors.
- High impact resistant ABS plastic is non-toxic, non-explosive, has a high fire resistance. Auto-ignition temperature is over +500 ° C. Heating to these temperatures is possible only under laboratory conditions.
- The addition of special UV-additives to enhance protection against counterfeiting.
- Attempts to modify or destroy the markings on the body of the seal are leaving visible traces due to plastic coating.
- The construction with three interlocking elements, eliminates the possibility of a reverse movement of the cable after final installation of the seal. It is also impossible to screw out the wire from the properly installed seal, or tampering with of additional tools. Removing of the seal is possible only with wire cutter.
- On the body of the seal is marked the name of manufacturer and name of seal.
- In contrast to the comparable by breaking load "Bolt" seals, this sealing device can be used for sealing objects with misplaced sealing holes.
- Tampering without visible marks and traces is 100% impossible.

## MARKING:

- It is possible to apply marking on the front side of the seal in the form of seven-digit serial number and two lines of letters, and the logo or brand of the customer on the area of 24x27 mm.
- Logos can be printed in different colors when using the pad printing or black by laser marking.
- On request, is possible to duplicate the serial number on the reverse side.

## CABLE:

- Flexible galvanized cable with a diameter of 5.2 mm. The standard cable length is 500 mm.
- On special order length can be increased

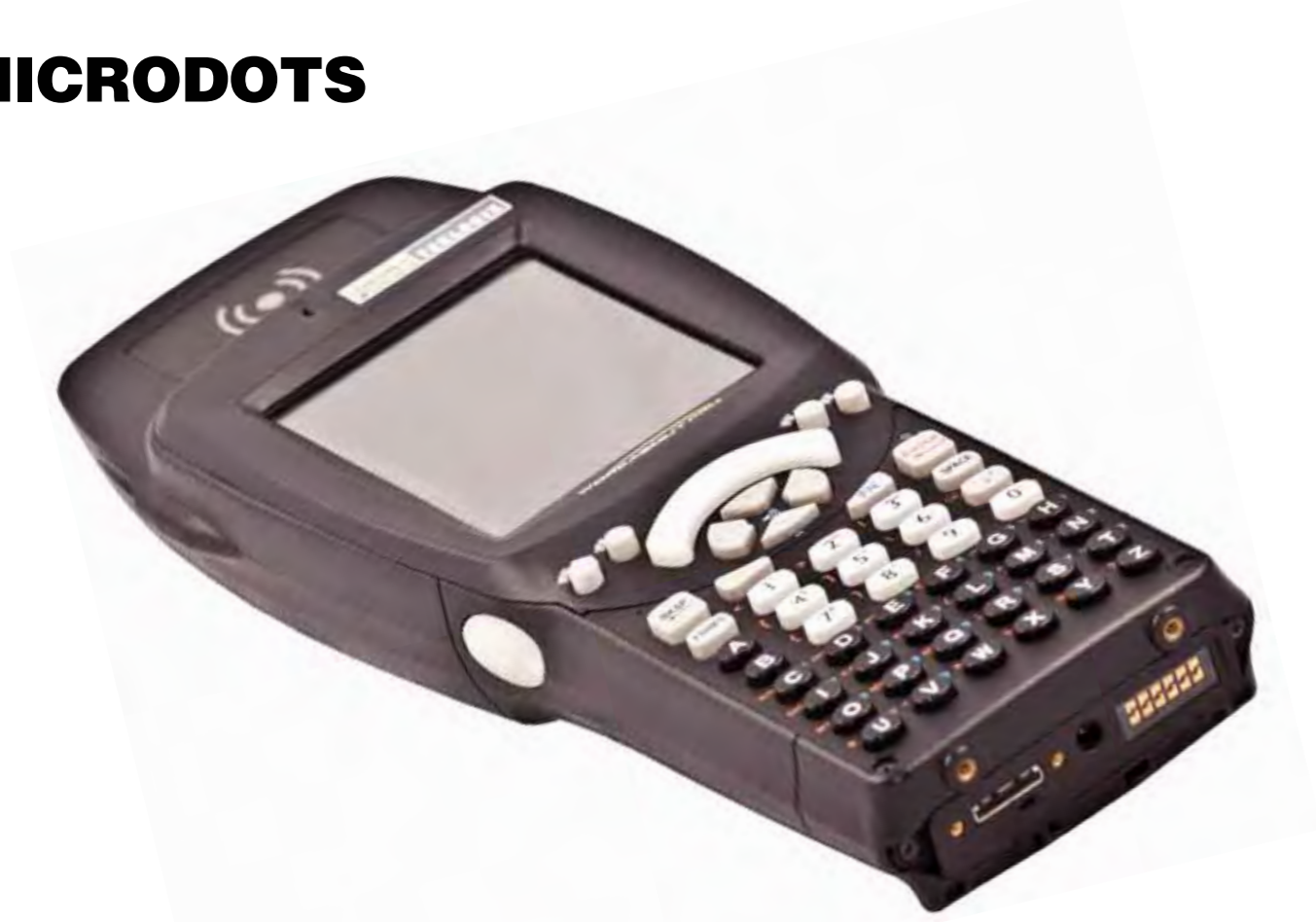
## PACKAGING:

- Seals are packaged in plastic bags of 10 pieces., and then in cardboard boxes of 50 or 100 pc. The weight of one box with the seals at a length of rope 500 mm 7.5-15 kg.





# MICRODOTS



## BENEFITS OF RFID IN THE SEAL:

- The impossibility to physically access RFID marks excludes their replacement, removal or destruction. Further, our technology allows encapsulating RFID marks inside the sealing device, which makes them resistant to the environmental influences.
- There is no need in direct visibility. In order to read off the information, the RFID-reader does not require direct visibility of the mark. To perceive the data it is enough for the mark to get in the registration area, including when you move through it at a fairly high speed.
- The bar code reader needs always to be in direct visibility of the bar code in order to read it.
- A larger reading distance. RFID-mark can be read at much greater distances than a bar code. Depending on the model of both the mark and the reader, the reading off range may reach up to several tens of meters.
- A large amount of data storage. RFID-mark can store much more data than bar codes - up to 10,000 characters.
- Support for reading multiple marks. Industrial readers can simultaneously read dozens of RFID-marks per second using the so-called anticonflict function. A bar code reader, however, can simultaneously scan only one bar code.
- Reading off the data at any position of the mark. The only condition is that the mark should be in the range of the scanner.
- Passive RFID-marks have a virtually unlimited lifespan.
- A high degree of safety. A unique unchanging number-identifier, assigned to the mark in the manufacturing process, guarantees protection against forgery.
- The seal number may be introduced into the mark, which further protects both the seal and the storage.

## WHAT IS IT AND HOW DOES IT WORK?

- Microdots are polyester discs with a diameter of 1.2 mm, thickness of 0.1 mm. The information is applied onto microdots in accordance with the characteristics of the product that should be marked.
- Font size: width 10 - 20 microns, which means that a microdot can contain up to 50 text lines. The letters are made of silver particles with dimensions of 0, 2 - 0, 5 microns, the aggregation of 1 - 3 microns.
- In our sealing devices „microdots“ are encapsulated by a special patented polymer which makes them resistant to the environmental influences.
- The service life of „microdots“ is 20 years or more.



The company "LockIn", taking into consideration the growing popularity of RFID technology in various fields of industry, logistics, security, etc, has developed a technology of implanting the RFID marks in its sealing devices. When combined with the advantages of RFID technology our sealing devices provide additional opportunities, as well as spheres of application.

## MICRODOTS

The company "LockIn" is constantly improving its technologies that exclude the opening, duplication and falsification of the produced sealing devices. In order to prevent the production of counterfeit sealing devices, as well as to get a unique product, the company "LockIn" has developed a technology of implementation of „microdots“ into its products.

## HOW DOES IT WORK?

A mark is a tiny storage device. It consists of a microchip that stores information and an antenna, through which the mark sends and receives information. The mark's memory stores its own unique number and user information. When the mark enters the area of registration, this information is received by the reader - a special device that can read and write information into the marks.