



SEALING SOLUTIONS FOR CONCRETE PIPES



ANELTEC

Sealing Solutions

A man in a dark suit, white shirt, and striped tie stands with his arms crossed in front of a light-colored building with a row of windows. A large, stylized blue geometric graphic, resembling a large 'X' or a series of overlapping triangles, is overlaid on the right side of the image.

A STORY OF QUALITY AND INNOVATION

ANELTEC is a leading company which operates in the industry of seals, rubber drawn products and technical items for the building industry. It has been operating nationwide and worldwide since 1982. Quality, timely deliveries and technological innovations are the pillars upon which the company was able to achieve an ever growing success.

The company

Our company has operated in the wastewater sealing system industry for over 30 years. Thanks to the invaluable experience gained in the field, the continual experiments and cutting-edge manufacturing systems, we have established ourselves as a world's leading company.

Technology and Innovation

Companies operating in our sector must always be in step with the times. That is why ANELTEC pays particular attention to cutting-edge technologies to provide customers with the utmost safety, competence and quality.

Deliveries

We have always stood out on the worldwide scene for our professionalism and organization. This is why we can provide our customers with the utmost reliability and timely deliveries.

Quality and reliability

Each product coming out of our factory undergoes strict quality checks to verify its compliance with European regulations in force as well as ANELTEC high quality standards.

Customer Caring

After an entire life working in close contact with pre-manufacturers and manufacturers of concrete pipes all around the world, our know-how enables us to meet all customers' needs.

ALWAYS AT CUSTOMERS' SIDE

ANELTEC is to date one of the few companies worldwide able to meet both standard requirements coming from small-sized firms and complex issues related to large tenders.

THE STORY

Our first steps

ANELTEC was established in 1982 from an idea of Roberto Baffè who decided to exploit the skills acquired after a long-running career in the industry to set up a company able to effectively meet the market needs of the wastewater sealing system industry with professionalism and expertise. To date, after over 30 years, nothing has changed: we strive to be always at the forefront of innovation and in step with the times.

In no other way we can ensure that the ANELTEC brand will be always associated with quality on a global scale.



OUR RANGE OF SEALING SYSTEMS.

ANELTEC offers a wide and complete range of products for concrete pipeline sealing. We treat rolling, sliding and integrated seals to make sure that we respond to the customer's needs even in the most difficult cases. All of our products comply with current EN 681-1 European regulations, and meet the strict quality standards of our company.



PRODUCTS

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ANELTEC

ROLLING SEAL ROT

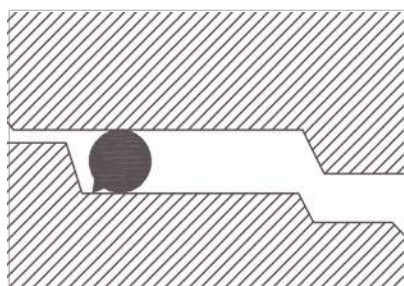
ROLLING SEAL ANELTEC ROT the easiest seal to use.

The wedge-tipped shape confers ANELTEC ROT highly safe tightness and makes it easy to use.

ANELTEC ROT is a sealing ring for concrete or reinforced concrete pipes with spigot joint. It is a rolling seal which is assembled during the laying of the pipe and applied on the male part.

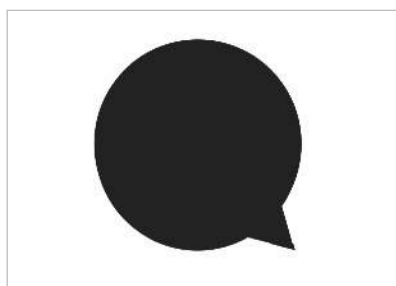
ANELTEC ROT is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

PRODUCT DETAILS



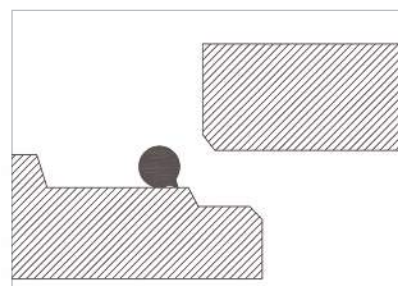
Stable positioning

Thanks to the tip inside the section, the ring made with ANELTEC ROT does not move or unroll during the assembly phase.



Durable tightness

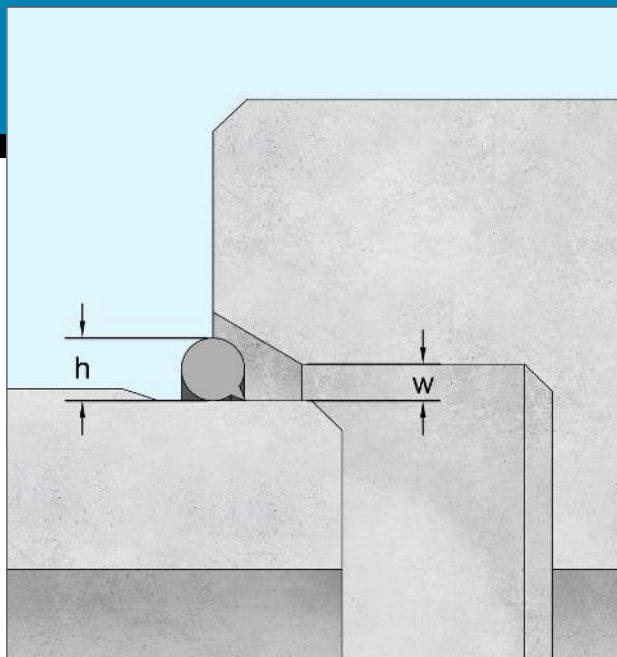
Thanks to its characteristics, ANELTEC ROT ensures a safe and lasting tightness.



Quick assembly

The seal has to be simply placed at the end of the male part and no lubricant is required.

ANELTEC ROT



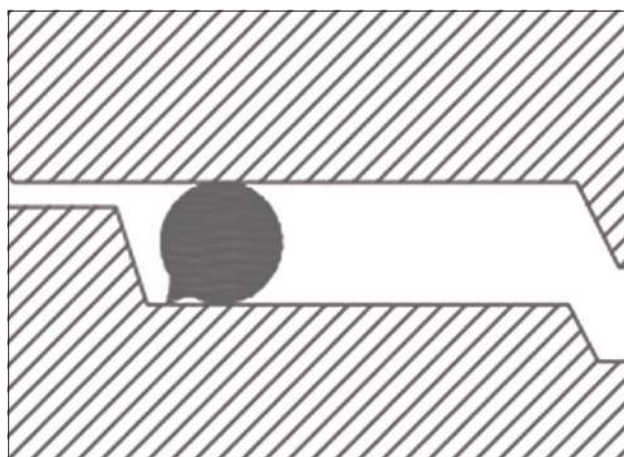
- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- It must be fixed to the male part and works by rolling with no need for a shoulder.
- Available in various sizes to always meet any need.

SEAL SIZES

| Seal | h | w |
|---------------|--------------|----------------|
| ROT 14 | 14 -0,4/+0,8 | $8,3 \pm 1,3$ |
| ROT 16 | 16 -0,4/+0,8 | $9,5 \pm 1,6$ |
| ROT 18 | 18 -0,4/+0,8 | $10,7 \pm 1,8$ |
| ROT 20 | 20 -0,4/+1,2 | $12,0 \pm 1,9$ |
| ROT 22 | 22 -0,4/+1,2 | $13,1 \pm 2,2$ |
| ROT 24 | 24 -0,4/+1,2 | $14,3 \pm 2,4$ |
| ROT 26 | 26 -0,4/+1,2 | $15,5 \pm 2,6$ |
| ROT 28 | 28 -0,4/+1,2 | $16,7 \pm 2,9$ |
| ROT 30 | 30 -0,4/+1,2 | $17,9 \pm 3,1$ |
| ROT 32 | 32 -0,4/+1,6 | $19,1 \pm 3,3$ |
| ROT 34 | 34 -0,4/+1,6 | $20,3 \pm 3,5$ |
| ROT 36 | 36 -0,4/+1,6 | $21,5 \pm 3,7$ |

PIPES ASSEMBLY AND LAYING

The assembly and laying of pipes that use ANELTEC ROT can be made by means of the typical site equipment in compliance with EN 1610 regulation. The joint is designed to easily withstand the stresses developed during the assembly phase, so as to avoid fractures and cracking. When using ANELTEC ROT, no lubricant is required.





ANELTEC

SLIDING AND ROLLING SEAL TOR

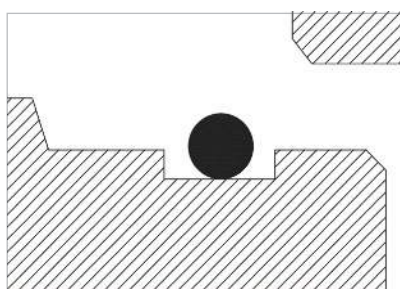
SLIDING AND ROLLING SEAL ANELTEC TOR the sliding and rolling seal.

ANELTEC TOR guarantees quick laying and safe tightness even on fiberglass pipes.

The ANELTEC TOR seal is a sealing ring for concrete and reinforced concrete pipes with or without housing, suitable also for fiberglass pipes. It works by sliding when a housing is present and by rolling in all the other cases. It is installed onto the male part when the pipe is being laid.

ANELTEC TOR is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

PRODUCT DETAILS



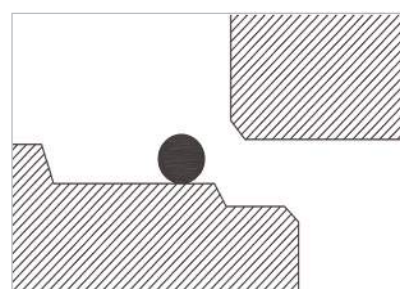
Double use

The seal works by sliding whenever a housing is available and by rolling in any other case.



Fiberglass pipes and Jacking pipes

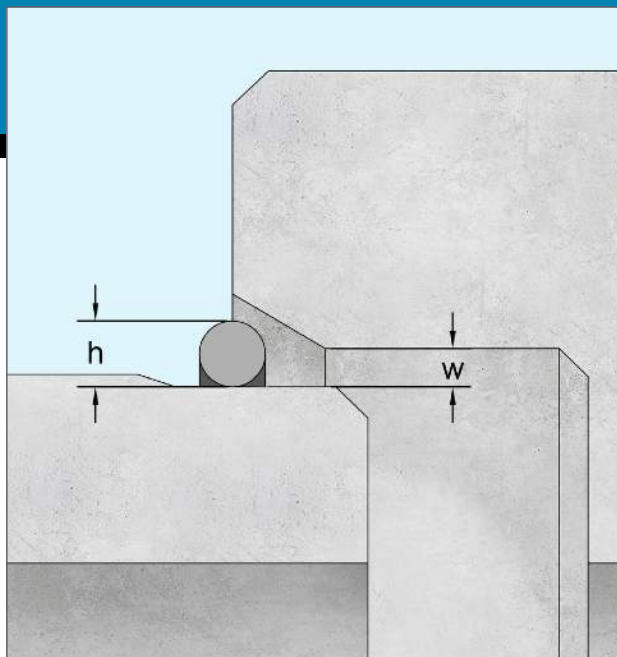
ANELTEC TOR can be also used for fiberglass pipes and intermediate jacking stations.



Quick assembly

The assembly phase is quick: the seal must be simply placed on the end of the male part.

ANELTEC TOR



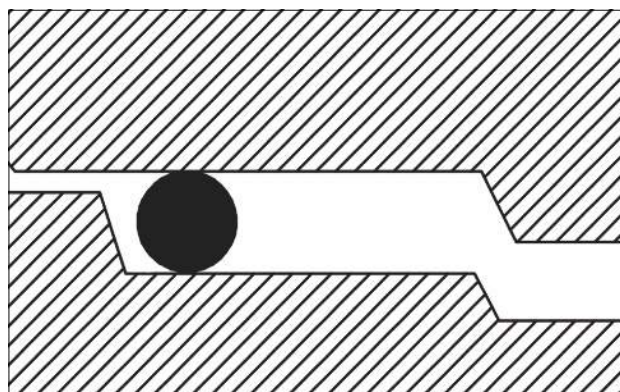
- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- It has to be assembled on the male part and works by rolling or sliding depending on the presence of a shoulder.
- Available in various sizes to always meet any need.

SEAL SIZES

| Seal | h | w |
|---------------|--------------|----------------|
| TOR 14 | 14 -0,4/+0,8 | $9,0 \pm 0,6$ |
| TOR 16 | 16 -0,4/+0,8 | $10,3 \pm 0,8$ |
| TOR 18 | 18 -0,4/+0,8 | $11,6 \pm 0,9$ |
| TOR 20 | 20 -0,4/+1,2 | $13,0 \pm 0,9$ |
| TOR 22 | 22 -0,4/+1,2 | $14,2 \pm 1,1$ |
| TOR 24 | 24 -0,4/+1,2 | $15,5 \pm 1,2$ |
| TOR 26 | 26 -0,4/+1,2 | $16,8 \pm 1,4$ |
| TOR 28 | 28 -0,4/+1,2 | $18,1 \pm 1,5$ |
| TOR 30 | 30 -0,4/+1,2 | $19,3 \pm 1,6$ |
| TOR 32 | 32 -0,4/+1,6 | $20,7 \pm 1,7$ |
| TOR 34 | 34 -0,4/+1,6 | $22,0 \pm 1,8$ |
| TOR 36 | 36 -0,4/+1,6 | $22,3 \pm 2,0$ |

PIPES ASSEMBLY AND LAYING

The assembly and laying of pipes using ANELTEC TOR is made by means of the typical site equipment in compliance with EN 1610 regulation. The joint has been devised to easily withstand the stresses developed during the assembly phase, so as to avoid fractures and cracking.





ANELTEC

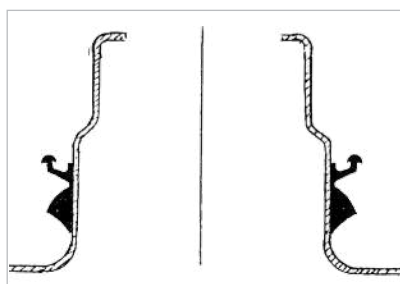
INTEGRATED SEAL GI-20

INTEGRATED SEAL ANELTEC GI-20 the outcome of ANELTEC technology.

With ANELTEC GI-20 we finally made the manufacturing of pipes with integrated seal easy.

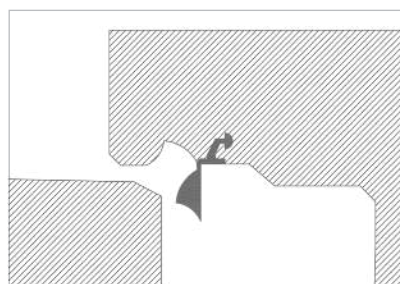
ANELTEC GI-20 is a rubber seal fitting all base rings with no change needed. It is intended to be used by every manufacturer of pipes at any time regardless of the manufacturing system. We created GI-20 using some special solid rubber blends compliant with the EN 681-1 European regulations in force, besides our rigorous quality standards. It always ensures that the pipe is provided with a seal and that its size guarantees the required tightness.

PRODUCT DETAILS



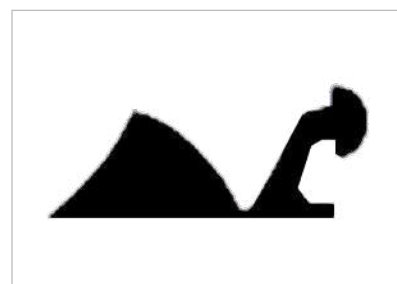
Available from Ø 300 to Ø 2000

ANELTEC GI-20 is available for instant delivery with diameters from 300 to 2000. Other sizes can be provided on request.



Easy and safe assembly

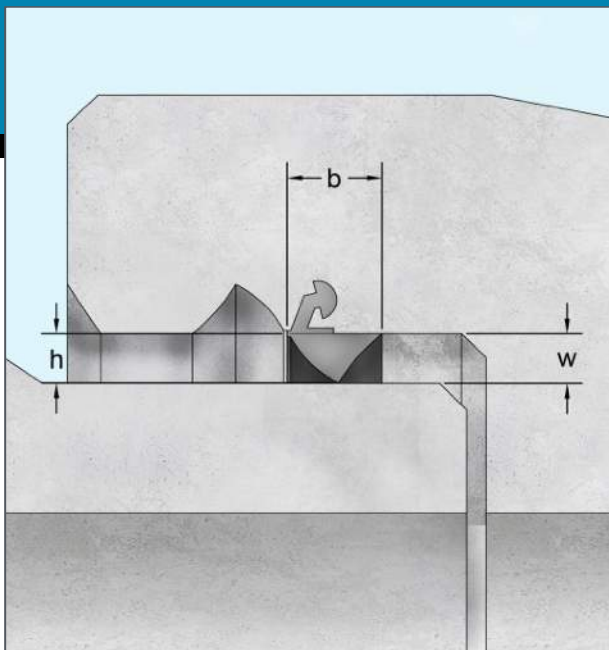
With GI-20, we transformed the manufacturing of pipes with built-in seals, making the assembly easier.



ANELTEC patent

ANELTEC GI-20 seal, resulting from our best technologies, is manufactured in Italy and bears the ANELTEC Patent.

ANELTEC GI-20



- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- Usable with every manufacturing system of pipes and all types of cap.
- Available in various sizes to always meet any need.

SEAL SIZES

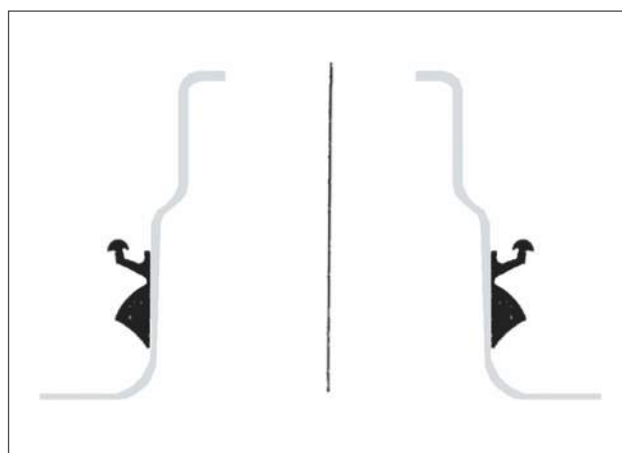
| Seal | b | h | w |
|-----------------|----|--------------|------|
| GI-20 13 | 24 | 13 -0,4/+0,8 | 8,5 |
| GI-20 15 | 28 | 15 -0,4/+0,8 | 9,7 |
| GI-20 18 | 34 | 18 -0,4/+0,8 | 11,7 |
| GI-20 21 | 39 | 21 -0,4/+1,2 | 13,6 |
| GI-20 26 | 48 | 26 -0,4/+1,2 | 16,9 |

PIPES ASSEMBLY AND LAYING

The use of ANELTEC lubricant is recommended for the assembly of all our seals.

The seal shall be assembled to the base ring which has to be duly cleaned as shown in the drawing.

Once the concrete has hardened and the base ring has been removed, the seal automatically shifts to the working position.





ANELTEC

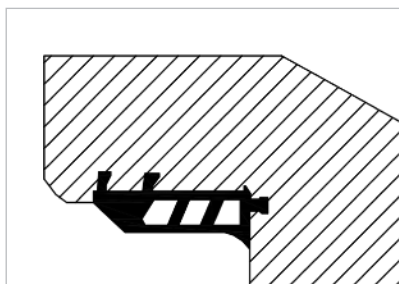
INTEGRATED SEAL GI-25

INTEGRATED SEAL ANELTEC GI-25 the right choice for the utmost tightness.

The large rubber mass, combined with the specifically studied shape, makes ANELTEC GI-25 the ideal seal to guarantee a quick laying and an extremely safe tightness.

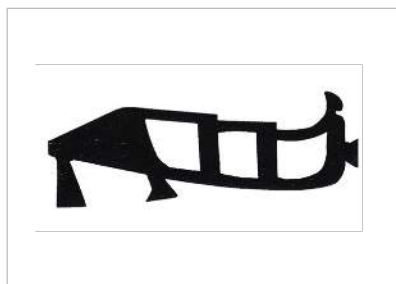
The ANELTEC GI-25 seal is a sealing ring for concrete and reinforced concrete pipes with spigot joint. It is an integrated seal: it shall be assembled when the pipe is first manufactured placing it on the cap before the jetting. It needs a particular cap specifically created with a shape that allows the seal to be properly placed. GI-25 is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

PRODUCT DETAILS



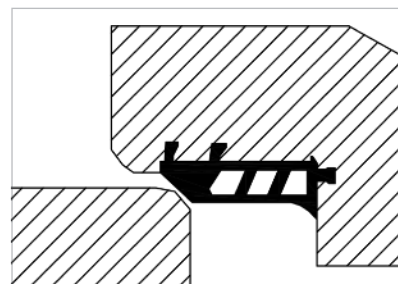
Solid anchoring

Thanks to the special shape of its wings, the seal tightly fastens to the pipe.



Maximum tightness

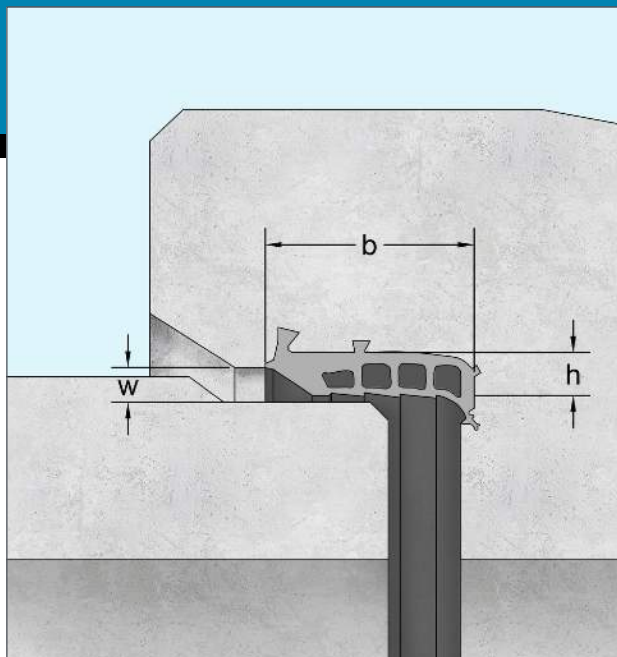
Thanks to the considerable rubber mass, GI-25 ensures unmatched tightness.



Quick assembly

The seal shape allows an easy insertion of the male part.

ANELTEC GI-25



- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- It needs a cap specifically intended for this seal type.
- Available in various sizes to always meet any need.

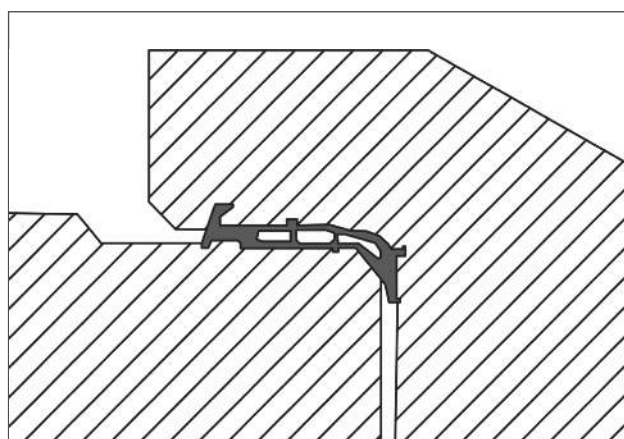
SEAL SIZES

| DN in mm | Seal | b | h | w |
|-----------|-----------------|-------|--------------|------|
| 250-300 | GI-25 12 | 61,6 | 12 -0,4/+0,8 | 7,8 |
| 400-600 | GI-25 14 | 70,1 | 14 -0,4/+0,8 | 9,1 |
| 700-1200 | GI-25 18 | 80,4 | 18 -0,4/+1,8 | 11,7 |
| 800-1500 | GI-25 22 | 101,2 | 22 -0,4/+1,2 | 14,3 |
| 1600-2000 | GI-25 26 | 119,2 | 26 -0,4/+1,2 | 16,9 |

PIPES ASSEMBLY AND LAYING

The use of ANELTEC lubricant is recommended for the assembly of all our seals.

The assembly and laying of shafts that use ANELTEC GI-25 can be made by means of the typical site equipment in compliance with the EN 1610 regulation. The joint has been devised to easily withstand the stresses developed during the assembly phase so as to avoid fractures and cracking.





ANELTEC

INTEGRATED SEAL GI-28

INTEGRATED SEAL ANELTEC GI-28 the seal doubles.

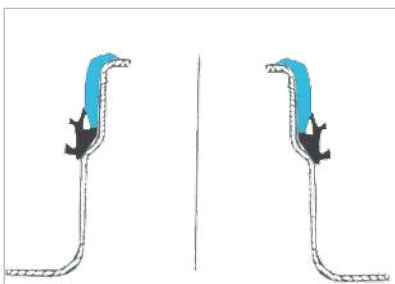
ANELTEC GI-28 is composed of two parts, one integrated and one of support that can be reused several times.

ANELTEC GI-28 is a seal for concrete and reinforced concrete pipes with spigot joint.

The product consists of two parts, a triangular one with sealing function and the other working as a support and protection that can be reused several times.

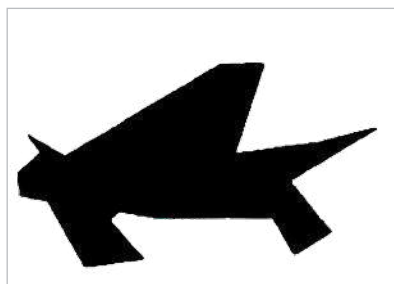
It needs a particular cap specifically created with a shape that allows the seal to be properly placed. ANELTEC GI-28 is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

PRODUCT DETAILS



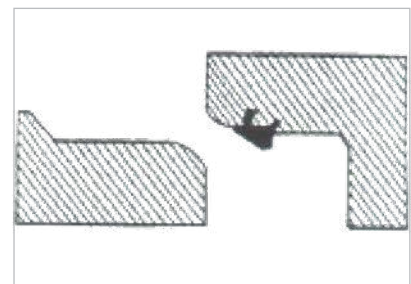
Joint-Counter Joint System

The black part in the drawing remains fastened to the pipe whereas the blue one is removed and reused.



Solid anchoring

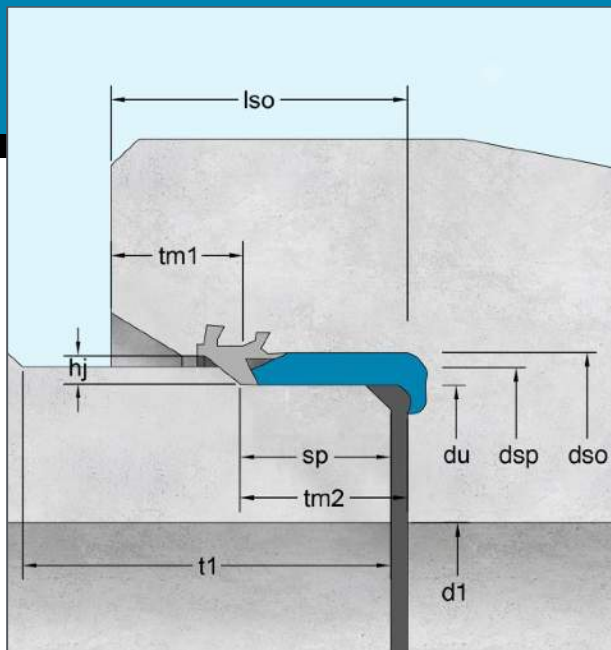
Thanks to the special shape of its wings, the seal tightly fastens to the pipe.



Quick assembly

The seal shape allows for an easy sliding of the male part for a quick and safe assembly.

ANELTEC GI-28



- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- It needs a cap specifically intended for this seal type.
- Available in various sizes to always meet any need.

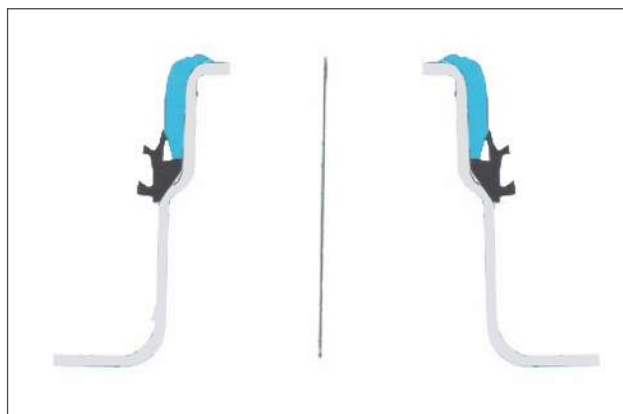
SEAL SIZES

| DN = Ø d1 | Ø asp | Ø du | lsp | tm2 | t1 | tm1 | lso | hj | w |
|-----------|--------|--------|-----|------|-----|------|-----|----|------------|
| 300 | 386,0 | 377,6 | 39 | 43,5 | 85 | 38,0 | 80 | 12 | 7,8 ± 1,2 |
| 400 | 404,0 | 395,6 | 43 | 49,0 | 95 | 43,0 | 90 | 14 | 9,1 ± 1,4 |
| 500 | 610,0 | 600,2 | 43 | 49,0 | 95 | 43,0 | 90 | 14 | 9,1 ± 1,4 |
| 600 | 726,0 | 716,2 | 43 | 49,0 | 95 | 43,0 | 90 | 14 | 9,1 ± 1,4 |
| 700 | 844,0 | 831,4 | 47 | 54,4 | 105 | 45,6 | 100 | 18 | 11,7 ± 1,8 |
| 800 | 926,0 | 949,4 | 47 | 54,4 | 105 | 45,6 | 100 | 18 | 11,7 ± 1,8 |
| 900 | 1080,0 | 1067,4 | 47 | 54,4 | 105 | 45,6 | 100 | 18 | 11,7 ± 1,8 |
| 1000 | 1198,0 | 1185,4 | 47 | 54,4 | 105 | 45,6 | 100 | 18 | 11,7 ± 1,8 |
| 1100 | 1316,0 | 1303,4 | 47 | 54,4 | 105 | 45,6 | 100 | 18 | 11,7 ± 1,8 |
| 1200 | 1434,0 | 1421,4 | 47 | 54,4 | 105 | 45,6 | 100 | 18 | 11,7 ± 1,8 |
| 1300 | 1552,0 | 1536,6 | 58 | 67,0 | 130 | 58,0 | 125 | 22 | 14,3 ± 2,2 |
| 1400 | 1670,0 | 1654,6 | 58 | 67,0 | 130 | 58,0 | 125 | 22 | 14,3 ± 2,2 |
| 1500 | 1788,0 | 1772,6 | 58 | 67,0 | 130 | 58,0 | 125 | 22 | 14,3 ± 2,2 |
| 1600 | 1760,2 | 1742,0 | 69 | 80,0 | 150 | 69,0 | 145 | 26 | 16,9 ± 2,6 |
| 1800 | 1960,2 | 1942,0 | 69 | 80,0 | 150 | 69,0 | 145 | 26 | 16,9 ± 2,6 |
| 2000 | 2183,8 | 2165,0 | 69 | 80,0 | 150 | 69,0 | 145 | 26 | 16,9 ± 2,6 |

PIPES ASSEMBLY AND LAYING

The use of ANELTEC lubricant is recommended for the assembly of all our seals.

The assembly and laying of shafts that use ANELTEC GI-28 can be made by means of the typical site equipment in compliance with the EN 1610 regulation. The joint has been devised to easily withstand the stresses developed during the assembly phase so as to avoid fractures and damages.





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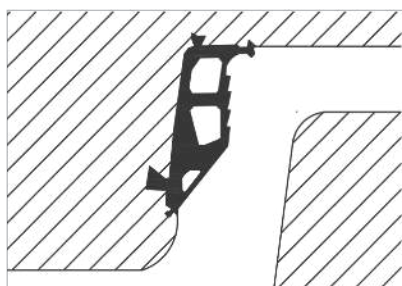
INTEGRATED SEAL GI-29

INTEGRATED SEAL ANELTEC GI-29 the integrated seal intended for shafts.

ANELTEC GI-29 fits the classical manufacturing systems of shafts.

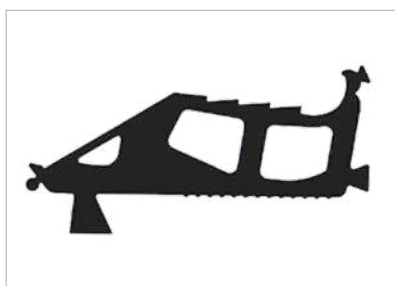
ANELTEC GI-29 is a seal for the female part of concrete and reinforced concrete shafts. It is an integrated seal and shall be assembled during the manufacturing phase of the shaft, by placing it on the cap before the jetting. It needs a particular cap specifically created with a shape that allows the seal to be properly placed. GI-29 is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

PRODUCT DETAILS



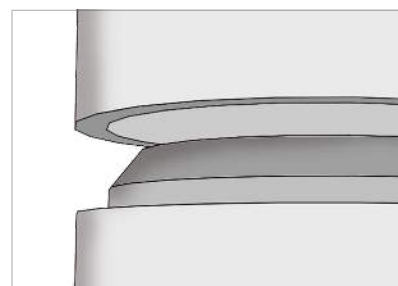
Joint protection

ANELTEC GI-29 coats the internal joint of the shaft female part thus avoiding the accumulation of impurities and the formation of ice in the cavity.



Maximum tightness

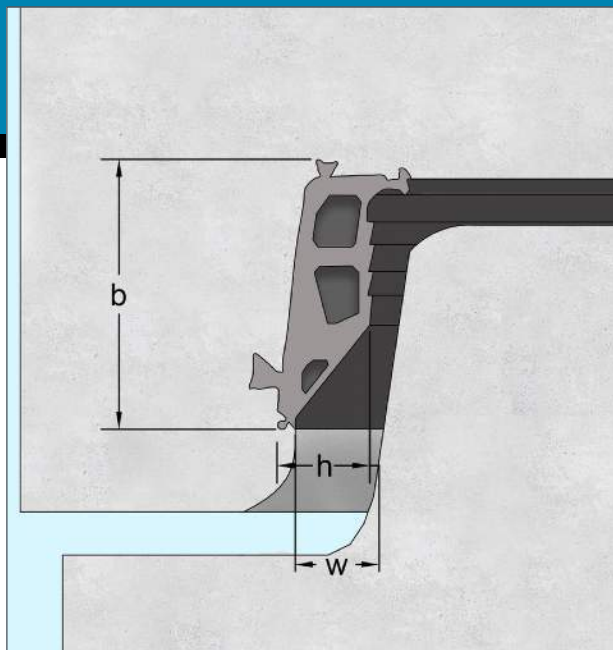
Because of the considerable rubber mass, ANELTEC GI-29 ensures an excellent tightness to the shafts.



Quick and safe laying

The wedge-shaped external side of the seal shall be taken as a guide to facilitate the sliding and fixing in the shafts.

ANELTEC GI-29



- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- It needs a cap specifically intended for this seal type.
- Available in various sizes to always meet any need.

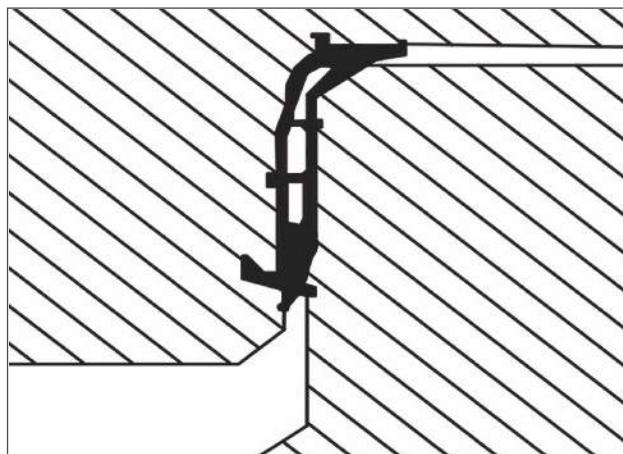
SEAL SIZES

| Ø - mm | Seal | b | h | w |
|----------|-----------------|------|----------------|------|
| 800,1000 | GI-29 18 | 70,1 | 18,5 -0,4/+1,2 | 12,5 |
| 1200 | GI-29 22 | 79,3 | 22,0 -0,4/+1,2 | 14,3 |

PIPES ASSEMBLY AND LAYING

The use of ANELTEC lubricant is recommended for the assembly of all our seals.

The assembly and laying of shafts that use ANELTEC GI-25 can be made by means of the typical site equipment in compliance with the EN 1610 regulation. The joint has been devised to easily withstand the stresses developed during the assembly phase so as to avoid fractures and cracking.





ANELTEC

SLIDING SEAL PZ-33

SLIDING SEAL ANELTEC PZ-33

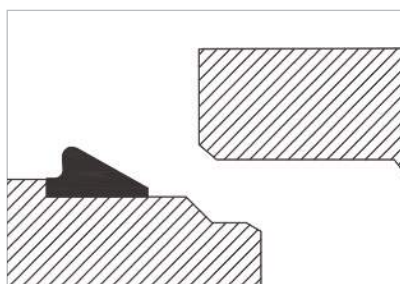
the benefit of an extended contact area.

The wedge shape of PZ-33 guarantees the safe assembly of pre-manufactured elements.

The ANELTEC PZ-33 seal is a sealing ring for concrete and reinforced concrete pipes with spigot joint, shafts and box-shaped pipes. It is a sliding seal assembled to the male part behind a shoulder or housing during the laying of pipes and/or shafts. ANELTEC PZ-33 is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

To avoid stresses during the assembly phase, we recommend lubricating both the female part and the sealing ring.

PRODUCT DETAILS



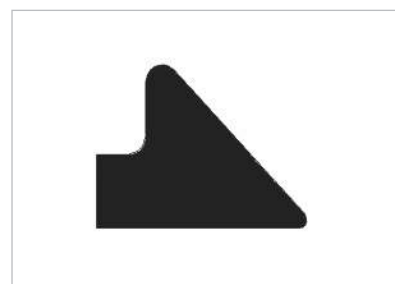
Centering of pipes and shafts

Thanks to its sloping side, the seal makes the centering of pipes and shafts easy.



Maximum tightness

The shape of PZ-33 was specifically designed to ensure the utmost tightness.

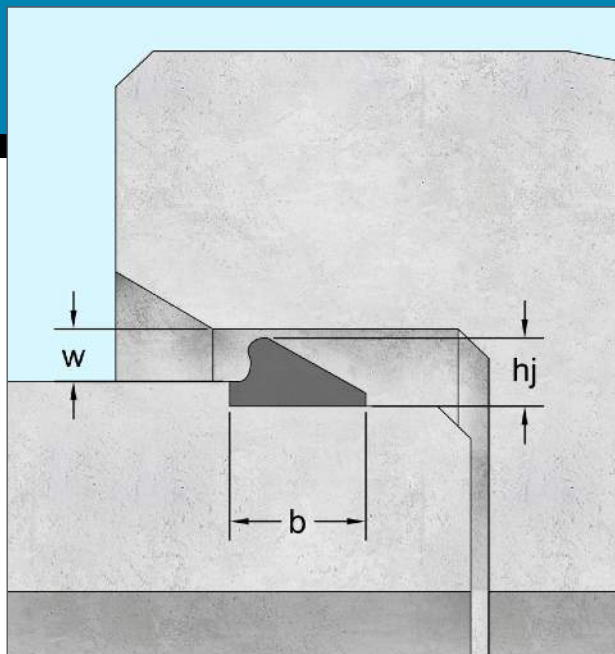


Available also in another section:

ANELTEC PZ-33/S

Our PZ-33/S works like the standard seal although it has a narrower base section.

ANELTEC PZ-33



- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- It must be fixed to the male part and works by sliding.
- Available in various sizes to always meet any need.

SEAL SIZES

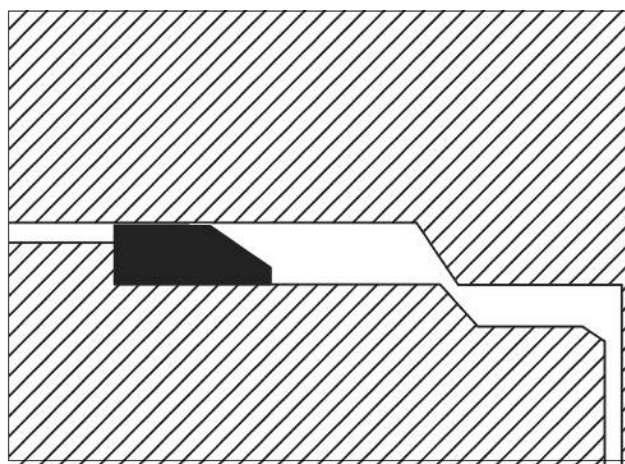
| h | b | w |
|----|----|----------------|
| 14 | 26 | $8,2 \pm 0,8$ |
| 16 | 29 | $9,4 \pm 0,9$ |
| 18 | 31 | $10,6 \pm 1,0$ |
| 20 | 33 | $11,8 \pm 1,1$ |
| 22 | 33 | $13,0 \pm 1,3$ |
| 24 | 38 | $14,1 \pm 1,4$ |
| 26 | 46 | $15,3 \pm 1,5$ |
| 28 | 46 | $16,5 \pm 1,7$ |
| 30 | 46 | $17,6 \pm 1,8$ |
| 32 | 48 | $18,9 \pm 1,9$ |
| 34 | 51 | $20,1 \pm 2,0$ |

PIPES ASSEMBLY AND LAYING

The use of ANELTEC lubricant is recommended for the assembly of all our seals.

The seal shall be assembled to the base ring which has to be duly cleaned as shown in the drawing.

Once the concrete has hardened and the base ring has been removed, the seal automatically shifts to the working position.





ANELTEC

SLIDING SEAL PZ-51

SLIDING SEAL ANELTEC PZ-51

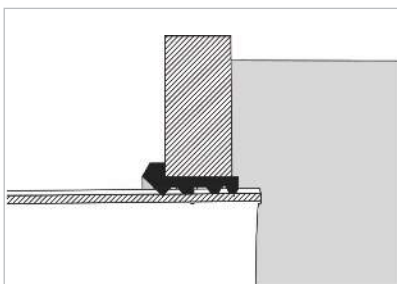
the seal for the insertion in pipes and shafts.

ANELTEC PZ-51 is equipped with a shoulder designed to provide a solid anchoring in the insertion hole.

ANELTEC PZ-51 is used to insert pipes of varied materials (Cast Iron, PVC, Stoneware...) into concrete and reinforced concrete pipes and shafts. It is a sliding seal that must be inserted in the insertion hole until it reaches the shoulder it is provided with.

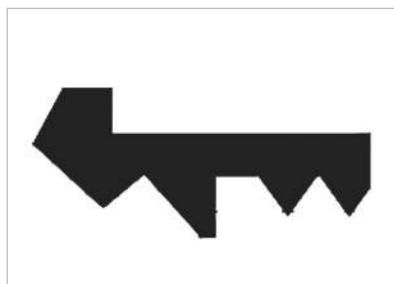
ANELTEC PZ-51 is made of EPDM elastomer in accordance with ANELTEC high standards and in compliance with the EN 681-1 European regulations in force.

PRODUCT DETAILS



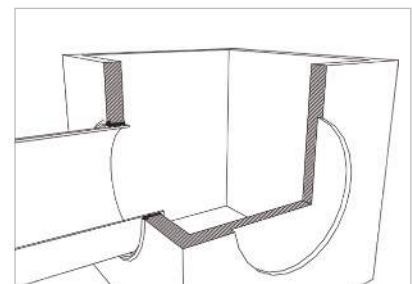
Pipes alignment

ANELTEC PZ-51 makes the alignment of the pipe with the insertion hole easy.



Absorption of transverse stresses

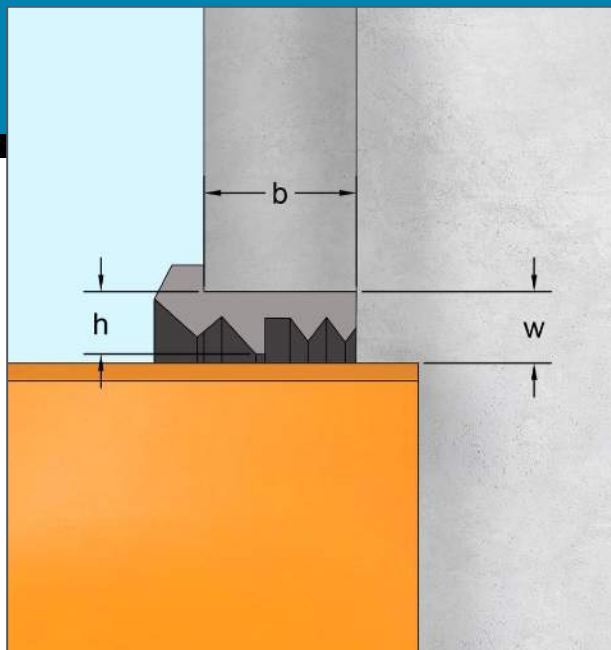
The shape of PZ-51 has been specifically designed to absorb transverse stresses.



Quick assembly

The large-size support base of PZ-51 guarantees the quick seal assembly.

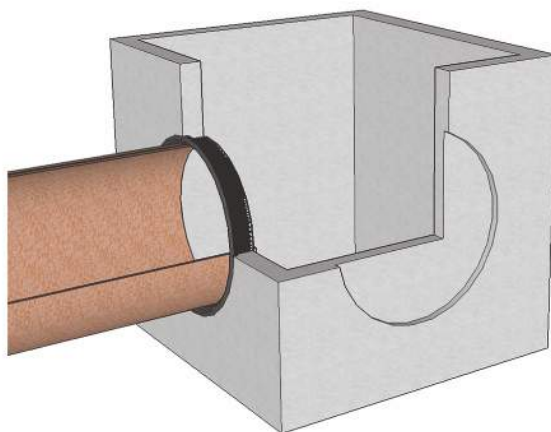
ANELTEC PZ-51



- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- The large-size support base of PZ-51 guarantees the quick seal assembly.
- Available in various sizes to always meet any need.

SEAL SIZES

| h | b | w |
|----|----|----------------|
| 19 | 51 | $13,0 \pm 1,7$ |

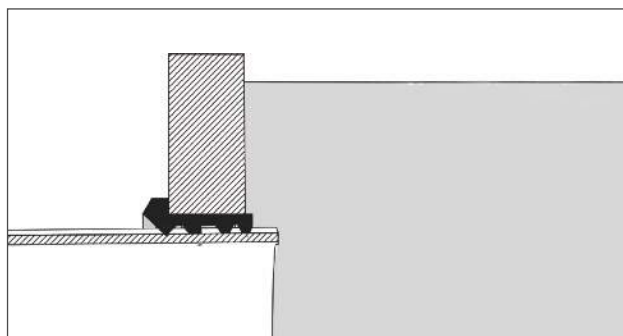


The ANELTEC PZ-51 seal is used to insert pipes of varied materials.

PIPES ASSEMBLY AND LAYING

While inserting the ANELTEC PZ-51 seal into the insertion hole, lubrication is strongly discouraged. Only after the insertion operation, it will be possible to proceed with the lubrication of both the insertion pipe and the seal using our ANELTEC lubricant.

The assembly and laying of pipes that use ANELTEC PZ-51 can be made by means of the typical site equipment in compliance with EN 1610 regulation. The joint has been devised to easily withstand the stresses developed during the assembly phase, so as to avoid fractures and cracking.





ANELTEC

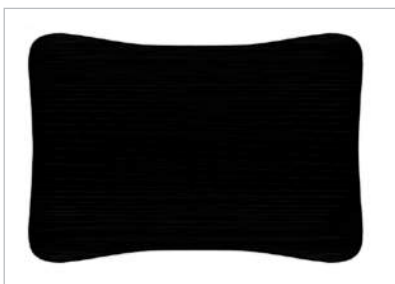
SEAL FOR INTERMEDIATE PRESSURE STATIONS INT

SEAL FOR INTERMEDIATE PRESSURE STATIONS ANELTEC INT the best solution for microtunneling.

With ANELTEC INT we developed a seal to be used in the new technologies of microtunneling.

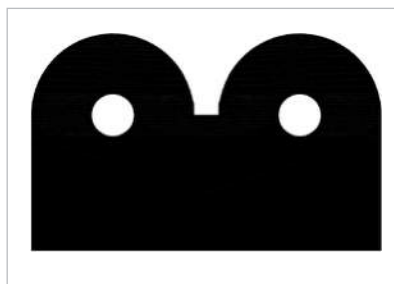
ANELTEC INT is a rubber seals for intermediate pressure stations in microtunneling made of EPDM solid rubber. The microtunneling pipe system is one of the most modern technologies for laying and replacing pipes of every diameter underground. ANELTEC offers a wide range of solutions both for pipes and intermediate pressure stations. Our company produces on the market and offers two different section designs, in order to best meet the specific needs of the customer.

PRODUCT DETAILS



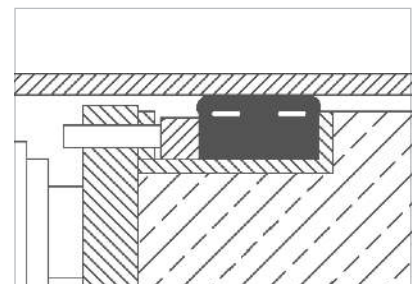
ANELTEC INT-1

The ANELTEC INT-1 seals has a rectangular section and dimensions of 60 mm x 40 mm.



ANELTEC INT-2

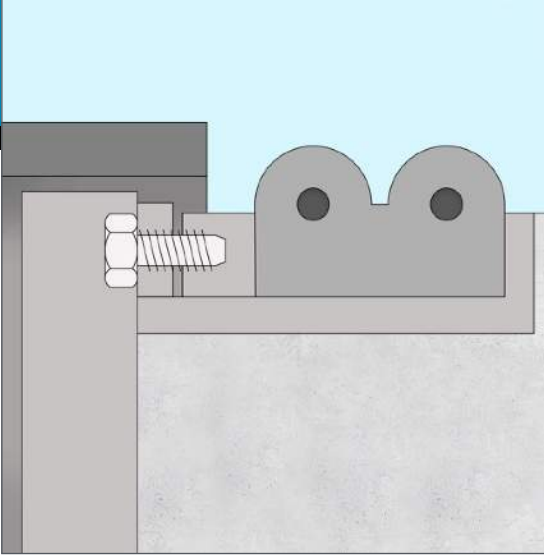
ANELTEC INT-2 has a more complex section measuring 65 mm x 40 mm.



Adjustable deformation

Thanks to adjustable screw plates, the seal deformation can be increased or decreased.

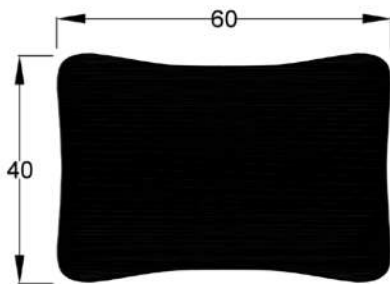
ANELTEC INT



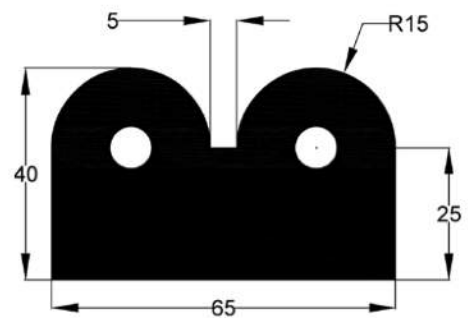
- Made of EPDM rubber with hardness 50 ± 5 IRDH, the material is highly resistant to the constant aggression of waste waters.
- No damage to the seals when pushing the pipes if lubricated correctly.
- Available in two different sections, depending on customer requirements.

SEAL SIZES

ANELTEC INT-1



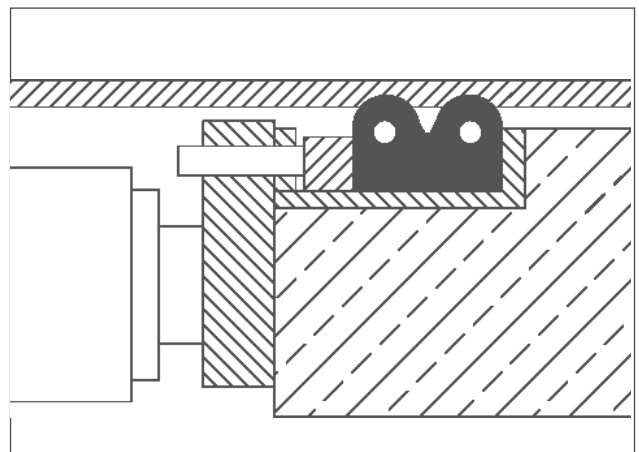
ANELTEC INT-2



PIPES ASSEMBLY AND LAYING

The use of ANELTEC lubricant is recommended for the assembly of all our seals.

The gasket works with about 8% pre-tension and is positioned in the male part steel groove, securing it to the pipe by tightening the adjusting screws. The lubricant should be placed on the entire sliding area.





ANELTEC

SEALING GASKET

ANELTEC SEALING GASKET ANELTEC our sealing gasket.

Ideal to be used on its own or together with standard seals.

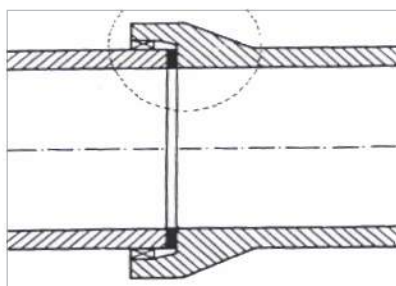
The ANELTEC sealing gasket is made of rot-proof and non-toxic expanded synthetic resin impregnated with bitumen. It is occasionally used as an alternative to the classic rubber seals even though it is typically applied in addition to them. It can be supplied with an adhesive side to be stuck to the pipe frame and is available in every shape and size. The ANELTEC sealing gasket perfectly adheres to the supports and reacts to compression stresses without coming out, filling any irregularity of the jointing.

PRODUCT DETAILS



Easy and quick laying

The product is supplied in rolls with an adhesive side provided on request for a quick and effective laying.



It does not come out under compression

Our ANELTEC sealing gasket has been especially studied to endure compression stresses.



It does not deteriorate while being stored

Unlike other products, our sealing gasket can be preserved for a long time without any deterioration.

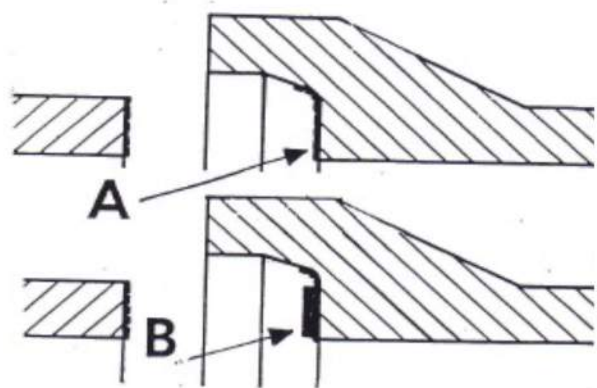
SEALING GASKET

- It can be used without problems both at very high and at very low temperatures (-20°C +100°C).
- It has an excellent chemical and mechanical adhesion to the concrete surface.
- Our sealing gasket is water-proof when 75 % compressed, sound-absorbing, vibration-damping and self-extinguishing.



GASKET LAYING

Remove the flap that protects the adhesive side and stick it to the concrete surface that has to be previously cleaned from dirt and impurities. Lay the pipes. In case the concrete is humid or cold, a solvent-based primer may enhance the sealing gasket grip.





ANELTEC

BUTYL SEALANT

ANELTEC BUTYL SEALANT our sealant in butylic rubber.

Ideal for sealing complex joints of concrete pipes and manholes.

The ANELTEC butyl rubber sealant is designed to seal the joint of concrete pipes and manholes, and it is used where the joint geometry does not allow an optimal sealing with a normal extruded EPDM profile.

Thanks to the exceptional adhesive capabilities of the product, our butyl rubber gasket can be easily adapted even to the most complex geometries, allowing an excellent seal. The profile responds to the current ASTM C-990 Standards.

DETTAGLI PRODOTTO



Available in different sizes and sections

Our butyl sealant is available in six different cross-sections, and can be provided in different lengths.



Easy to use

Our butyl rubber sealant is normally applied without the use of the primer, except in particularly difficult cases.



Resistant to high and low temperatures

Our ANELTEC butyl rubber sealant is designed to adapt to particularly high or low temperatures.

BUTYL SEALANT

- It adapts to very high temperatures and very low temperatures.
- It has a good chemical and mechanical adhesion to the surfaces.
- Joints made with our butyl rubber sealant do not vary in size, does not harden or oxidate with aging.



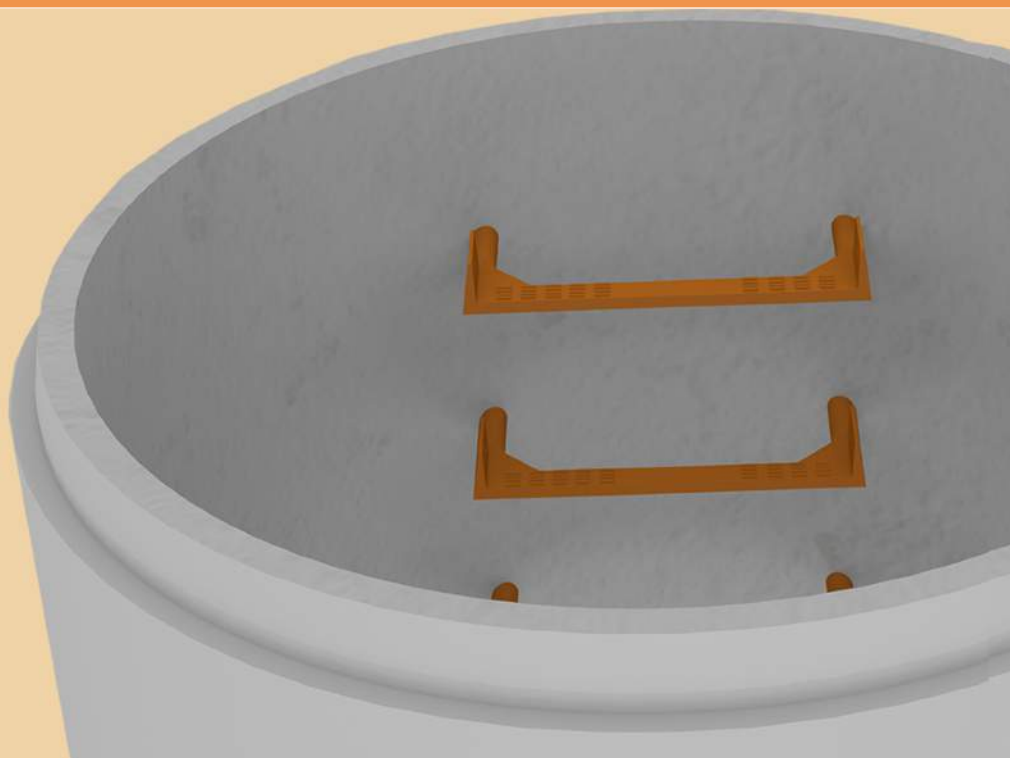
SEALANT LAYING

For correct assembly of the butyl rubber gasket, the interlocking surfaces must be clean and dry. In particularly difficult cases, laying could be facilitated by using a primer.

The profile must be positioned without pretension, in order to avoid variations of the original shapes and geometries of the product.

The seal works optimally with a compression between 30% and 50%.





ANELTEC

**COATED
MANHOLE
STEPS**

ANELTEC COATED MANHOLE STEPS

our manhole steps. Orange colored.

Available in a single and universal size for flat and curved surfaces.

ANELTEC steps are made of a polypropylene copolymer and steel encapsulated U-shaped bar. They are designed to be used both on flat and curved surfaces, inside manholes and water-collection shafts as well as in terraces and pools. The product, orange in color and equipped with a non-slip surface, is fully compliant with the EN 13101 European regulations in force.

PRODUCT DETAILS



Ergonomic design

The shape we designed for the steps and the non-slip grooves make them safe and easy to use.



Stoppage point

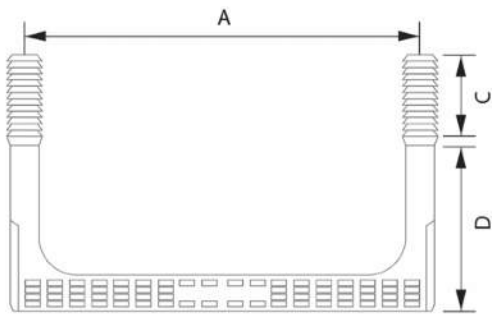
A triangular protrusion placed at the far end of the threading represents the end stop, which guarantees perfect laying.



Available in boxes of 25 pieces

Our steps are sold in boxes containing 25 pieces each.

MANHOLE STEPS



APPLICATIONS

- Shafts
- Manholes
- Water-collection shafts
- Sewerage networks
- Terraces
- Pools
- Factories
- Silos, etc.

SIZES

| A | C | D |
|--------|-------|--------|
| 330 mm | 80 mm | 120 mm |



ASSEMBLY OF THE STEPS

Drill two 85 mm wide holes with a 25 mm diameter and a 330 mm centre to centre distance. Insert the step into the holes and put it in the right position by alternatively hitting it on both sides with a large-size nylon mallet.





ANELTEC

TUBIRES EPOXY RESIN

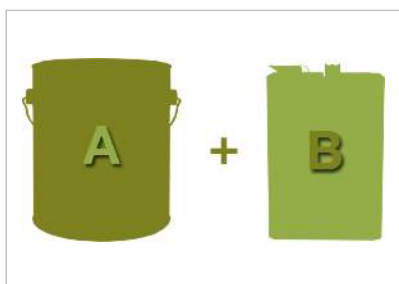
ANELTEC TUBIRES our epoxy resin.

Made in red brick color, but available in other colors on request.

ANELTEC TUBIRES is a protective treatment of the inner surfaces of concrete and reinforced concrete pipes, canalization and concrete works in general.

It can also be applied on metallic surfaces of industrial implants. It is a two component epoxy resin: the two components (resin and hardener) are supplied in separate packs and must be mixed to obtain the final product, applicable with roller, brush or with "airless" sprayer.

PRODUCT DETAILS



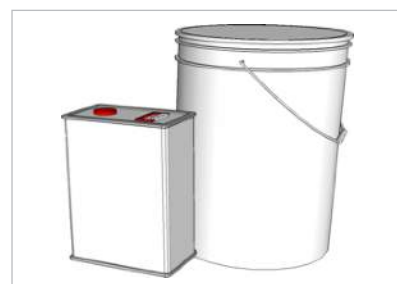
Supplied in two components

ANELTEC TUBIRES is obtained by mixing the "A" component (resin) and the "B" component (hardener).



Excellent grip

ANELTEC TUBIRES guarantees excellent adhesion, waterproofing and flexibility on normal and bituminous concrete.



Available in packs of 25+5 kg.

TUBIRES is supplied in two separate tanks: 25 kg of resin and 5 kg of hardener.

TUBIRES EPOXY RESIN

TUBIRES
RESINA EPOSSIDICA ED EPOSSIDOCATRAMOSA

APPLICATIONS

- Concrete pipes
- Concrete surfaces
- Industrial pavements
- Metallic surfaces
- Canalizations



USE OF TUBIRES

Mix 5 parts of resin with 1 part of hardener before the use and dilute 5% to 20% with nitrous oxide diluent. Once the product has been prepared, apply it with a roller, brush or "airless" sprayer on the support, which must be perfectly dry.





ANELTEC

LUBRICANT

LUBRICANT ANELTEC

our lubricant for rubber seals.

To be used in order to facilitate the laying and fixing of pipes to our seals.

To facilitate the laying of pipes and preserve the rubber seal characteristics over time, the use of a specific lubricant is crucial. To this end, we have devised and produced a non-toxic lubricant with an active ingredient made of silicon oil that can help preserving its properties and those of our seals over time.

PRODUCT DETAILS



Applicable manually or using a brush
Our ANELTEC lubricant is applicable to seals manually or by using a brush and ensures high performances.



Resistant to high and low temperatures
Our ANELTEC lubricant has been devised to withstand particularly high or low temperatures.



Available in 5 kg. packages
Our ANELTEC gel lubricant is available in 5 Kg buckets.

LUBRICANT

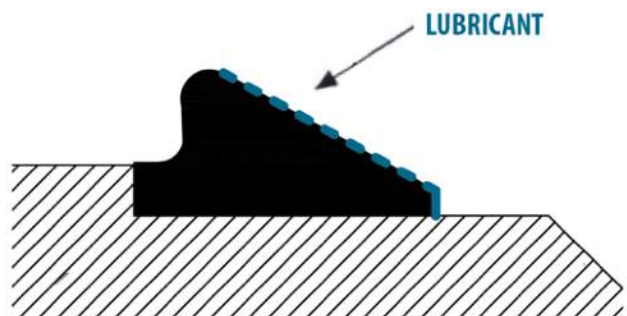
- It can be used without problems both at very high and very low temperatures.
- It complies with the requirements of the EN 681-1 European regulations.
- It is non-toxic and with a silicon oil active ingredient.



USE OF THE LUBRICANT

Spread the ANELTEC lubricant on the female or male part of the polished concrete surface manually (with a glove) or using a brush.

As required by the EN 681-1 European regulations, our lubricant has no negative effects on the seal durability.





CONTACT US

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