



Zero leakage total performance

LOOKING AFTER WHAT'S IMPORTANT
FROM THE INSIDE OUT



Forsheda 582 Din-Lock™



Introducing Trelleborg Pipe Seals

Part of the wider Trelleborg Industrial Solutions business area of Trelleborg Group, Trelleborg Pipe Seals is a world leading supplier of new and rehabilitation sealing solutions for concrete and plastic pipes, manholes and connectors used for water, sewerage and drainage.

With a global reach and a track record spanning more than half a century, we deliver continuous innovation to customers across the globe, with a logistics and sales network spanning Asia Pacific, Europe, Middle East, North Africa and South America.

We will see you through from the beginning of your project, right to the very end, with the most advanced polymer technology and engineering expertise. Whether you need an entirely new system or improvements to your existing one, you can choose from a range of market-leading seals that offer:

High quality

Quick and easy installation

Improved productivity

Zero leakage

Trelleborg Pipe seals offer the highest reliability and performance standards, providing watertight solutions that protect not only your pipe cycle, but your reputation.

Leak-free, hassle-free sealing solutions

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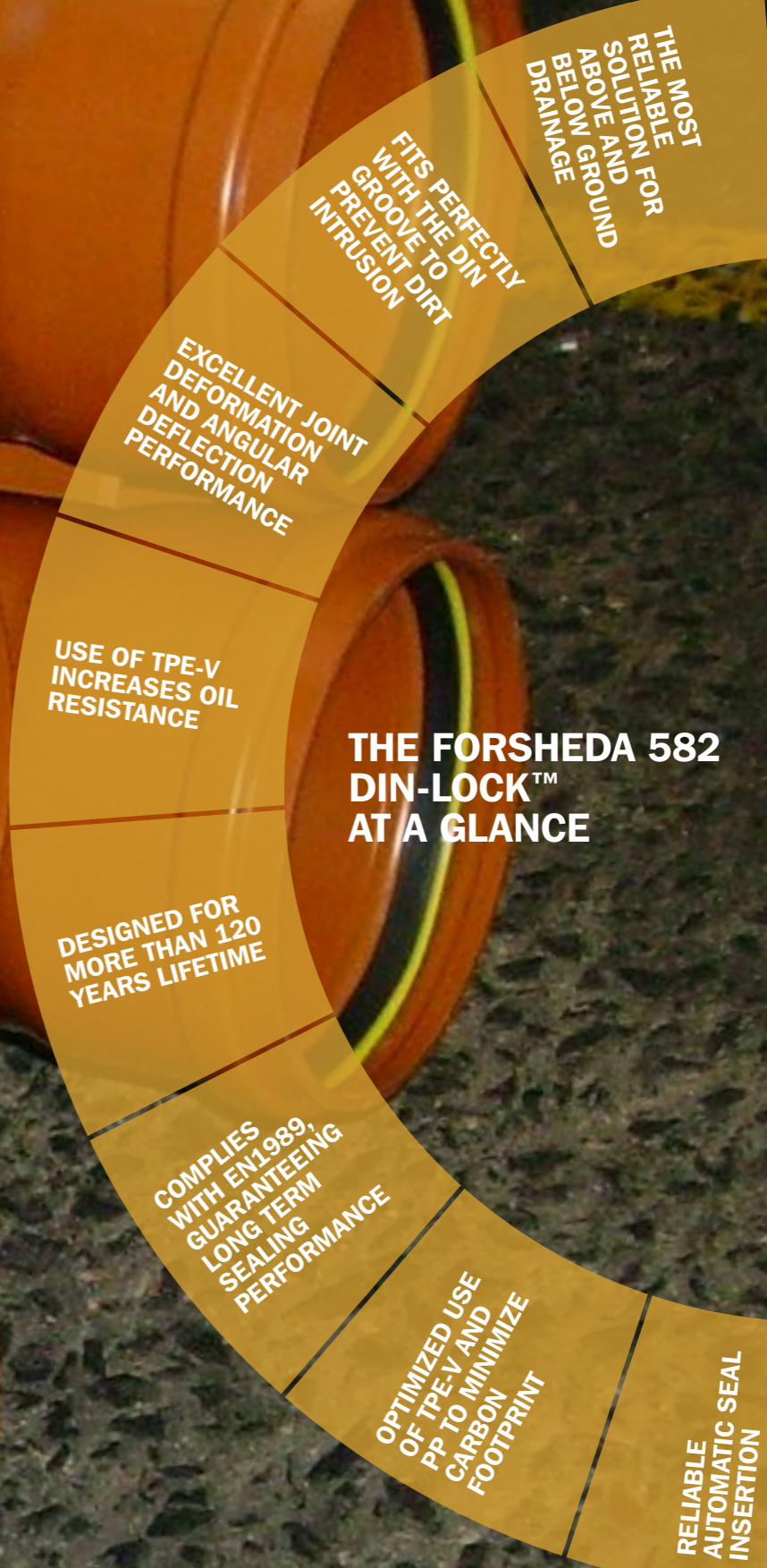


Forsheda product range

The Trelleborg Pipe Seals Forsheda product range was established in 1946, offering expert concrete and plastic sealing solutions for water, sewerage and drainage pipeline systems.

With solutions for pressure and non-pressure applications, including our anger-lock seals, we provide leak-free sealing solutions for pipeline systems and a hassle-free service.

THE FORSHEDA 582 DIN-LOCK™ AT A GLANCE



Introducing the Forsheda 582 Din-Lock™

EXPERTLY DESIGNED FOR PVC PIPES AND FITTINGS

The F-582 is the triple lip seal which guarantees industry-leading performance. It is expertly designed for highly effective sealing of all DIN-grooved PVC pipes and fittings.

Comprised of thermoplastic elastomers (TPV-E) and polypropylene, the seal requires low jointing force and ensures a security across a wide range of pipe joint tolerances.

SUPERB JOINT SECURITY

The F-582 is uniquely designed to allow reliable automatic insertion during the manufacturing process. The superb security of these joints ensure seals are not displaced during storage, transportation or installation.

LONG-TERM PERFORMANCE GUARANTEED

The F-582 can be used across a range of low pressure sewer and drainage applications, as well as more specialized pipelines, such as electric cable ducting.

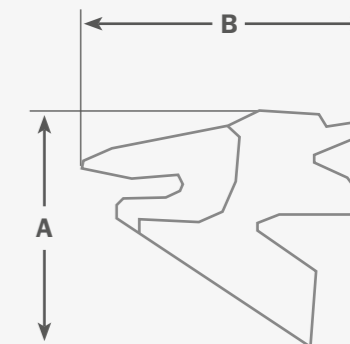
All Forsheda 582 Din-Lock™ seals comply with EN 1989 regulations, which guarantee long-term sealing performance.



When two pipes are pushed together the rubber sealing element is designed to deform creating a sealing pressure acting on both spigot and socket.

FULL RANGE OF DIMENSIONS (INFORMATION RELATING TO THE PRODUCT DIMENSIONS)

DIMENSIONS (mm)		
PIPE SIZE (mm)	A	B
50	7.2	9.9
75	7.2	9.9
82	6.9	9.1
100	7.6	10.1
110	8.6	10.5
125	10.4	11.8
160	11.4	13.6
200	11.4	15.3
250	16.5	23.8
315	19.6	19.4
400	20.8	21.6



Advantages of TPE rubber

Since their introduction, Thermoplastic Elastomers (TPE) have provided a new dimension to a multitude of engineered applications.

Trelleborg have pioneered the use of TPE in pipe sealing applications where its unique processing and material performance advantages can be utilized to the full.

The specially developed low friction compound used for the F582 seal optimises jointing performance whilst making it the obvious choice for machine automated insert into the pipe socket.

TPE also offers environmental advantages as the thermal bonds are reversible offering improved recycling opportunities.

STANDARDS AND APPROVALS

CE-marking

BSI (Kitemark)

KIWA/Swedcert

DIBt (Ü)

KIWA (KOMO)

COPRO (BENOR)

QPlus

EN 681-2 WT,WH

BRL 2020



Product installation instructions

1



Ensure the seal and pipe socket are clean and free from damage

2



Bend the seal into a heart shape

3

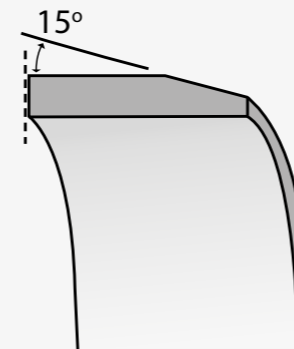


Insert the seal into the pipe socket and press the seal into the groove

The Forsheda 582 Din-Lock™ seal can also be fitted automatically using commercially available ring insertion machines.

INFORMATION RELATING TO THE PIPE LAYING INSTRUCTIONS

The spigot and socket of the pipe should be checked for damage prior to jointing



The pipe spigot should be chamfered with an angle of 15°, taking care to remove all burrs. Both spigot and socket including the sealing ring should be free from dirt and other foreign matter. Lubricant should be applied evenly to the spigot end of the pipe.



Immediately after lubrication, the spigot should be brought into contact with the socket.



Both spigot and socket should correctly aligned and then slide the spigot into the socket, thus compressing the seal until the joint is fully made.

SEALING SOLUTIONS FOR THE PLASTIC PIPE INDUSTRY

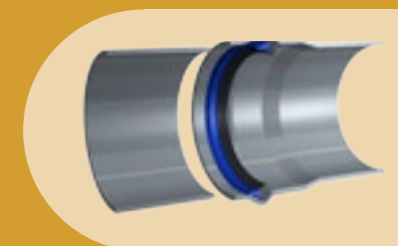
Trelleborg Pipe Seals are also proud to offer the following products for the PVC applications.

Anger-Lock™

Proven solution for pressure pipes with Anger Groove, installed after pipe production. Manually or automated

Locked in very tight fit, so it doesn't come out during transport

No deformation of seals and support ring because of flexible plastic

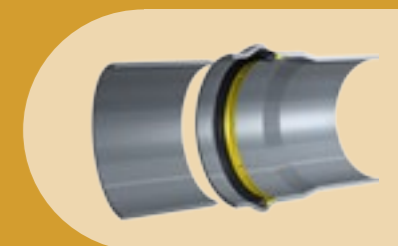


Power-Lock™

Top solution for pressure pipes. The pipe is belled over the seal during production

Savings in production and increased efficiency

Always fits, won't break or deform. Increased sealing performance

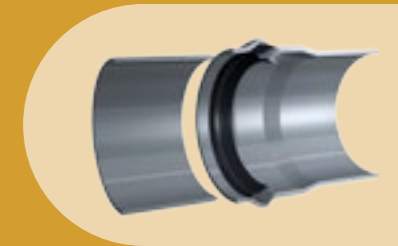


Forsheda 575

Non-integrated sealing system for plastic pressure pipes and wastewater conduit in ground

Low jointing force – minimal risk of seal displacement

High performance – low cost solution

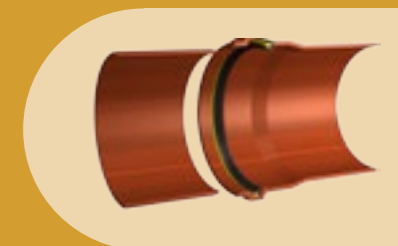


Sewer-Lock™

Top solution for low pressure pipe. The pipe is belled over the seal during production

Savings in production and increased efficiency

Always fits, won't break or deform. Increased sealing performance





Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.

Trelleborg Pipe Seals is a world leading supplier of new and rehabilitation sealing solutions for concrete and plastic pipes and manholes used for water, sewerage and drainage. We deliver continuous innovation to customers across the globe with our vast logistics and sales network. Comprising the most advanced polymer technology, our high performance seals ensure fulfilment of the highest possible reliability standards.

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