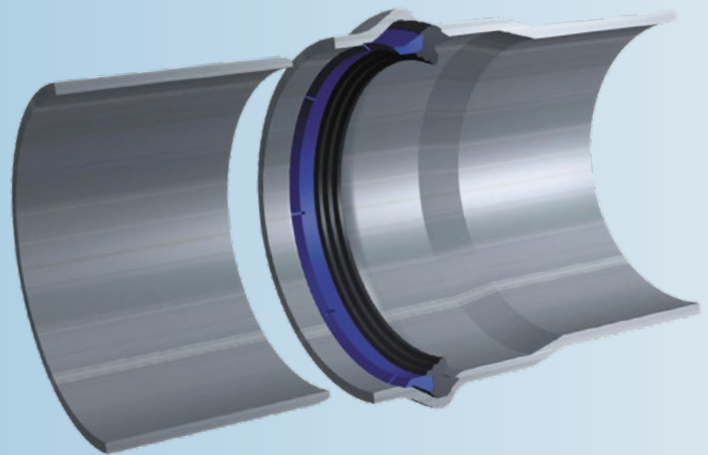


# Trelleborg 552 Anger-Lock IPS

**Locked-in seal for plastic pressure pipes, wastewater and cast iron conduits**



## KEY FEATURES & BENEFITS

- **The best solution for drinking water pipes (incl. PVC-0)**
- **Fully retained seal cannot be lost during stocking or transport**
- **Low jointing force for easy installation**

## SEAL DESIGN & FUNCTION

Trelleborg 552 Anger-Lock IPS is a combined lip and compression seal. Installed inside the socket after it has been formed, the retaining element effectively locks the seal into the groove.

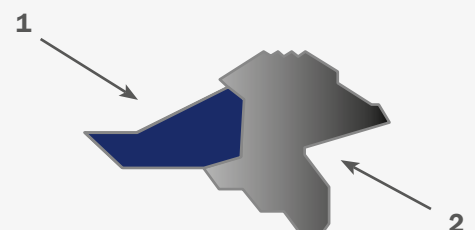
Making the seal an integral part of the pipe brings many advantages: rings can no longer get lost during stocking and transportation, and the low jointing force ensures that the seal stays in place when pipes are jointed.

The unique design comprises of two elements:

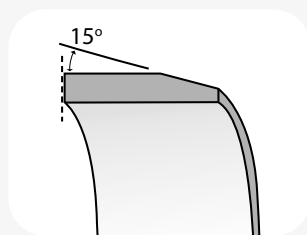
1. A plastic retaining element that holds the seal securely in position
2. A rubber sealing element that ensures a watertight seal once the pipes are jointed

Together, they absorb any permissible variations in the groove.

Made of EPDM rubber, approved for drinking water application.

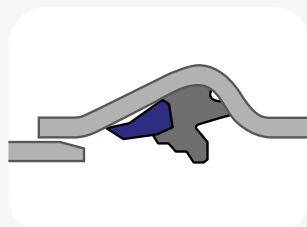


## JOINT ASSEMBLY

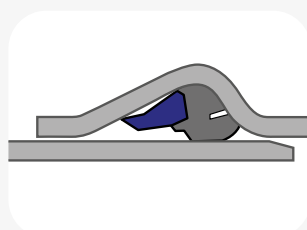


Inspect the spigot, socket and seal for damage and remove any dirt or dust prior to assembly.

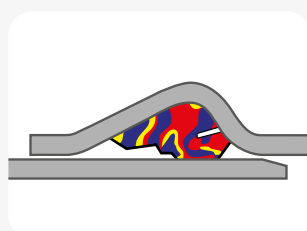
Chamfer the spigot end and remove all burrs.



Apply lubricant to the spigot end and immediately bring it into contact with the socket.



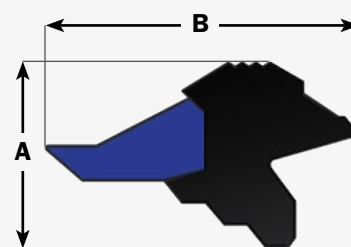
Align spigot and socket, and slide the spigot into the pipe, past the seal.



As the pipes are joined the rubber sealing element is deformed and creates pressure against both spigot and socket resulting in a watertight seal.

## SIZE CHART

PIPE SIZE (Inch)	A (inch)	B (inch)
2 (60 mm)	0.40	0.70
3 (90 mm)	0.50	0.85
4 (114 mm)	0.55	0.93
6 (165 mm)	0.62	1.07
8 (216 mm)	0.66	1.13
10 (267 mm)	0.83	1.34
12 (318 mm)	0.92	1.37



## APPROVALS

- CE-marking
- Swedcert
- ACS

## STANDARDS

- NSF/ANSI 14
- NSF/ANSI 61
- ASTM 2241
- ASTM F477
- AS1646
- ISO 2311
- IRAM 113061

## MATERIAL

- Synthetic rubber (EPDM)
- Hardness 60+/-5 IRHD
- Polypropylene retaining ring
- Ozone resistant

Authorities we cooperate with:



# TRELLEBORG

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