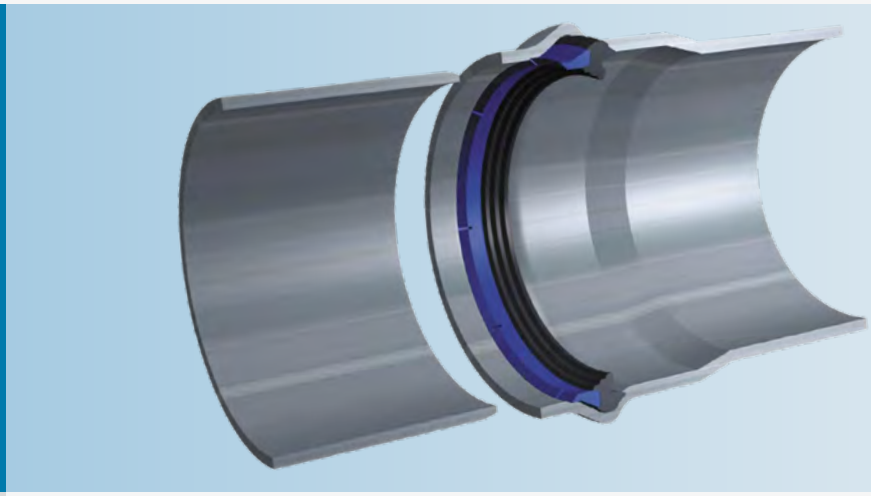
Trelleborg 576 Anger-Lock

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



KEY FEATURES & BENEFITS

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

SEAL DESIGN & FUNCTION

Trelleborg 576 Anger-Lock 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.

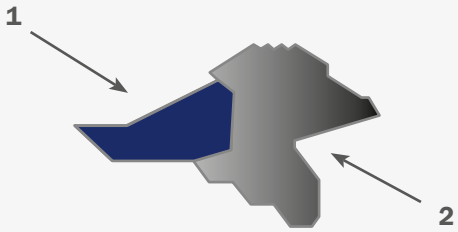
Making the seal an integral part of the pipe brings many advantages: rings can no longer get lost during stocking and transportation, and the low jointing force ensures that the seal stays in place when pipes are jointed.

The unique design comprises of two elements:

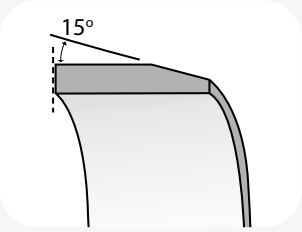
1. A plastic retaining element that holds the seal securely in position
2. A rubber sealing element that ensures a watertight seal once the pipes are jointed

Together, they absorb any permissible variations in the groove.

Made of EPDM rubber, approved for drinking water application.



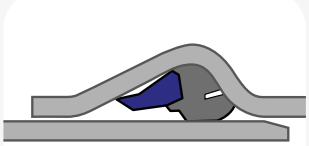
JOINT ASSEMBLY



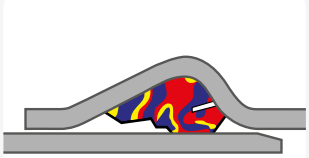
Inspect the spigot, socket and seal for damage and remove any dirt or dust prior to assembly.

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.

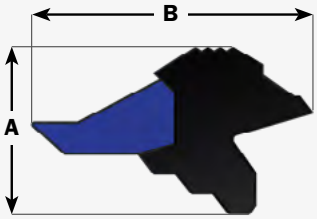


As the pipes are jointed the rubber sealing element is deformed and creates pressure against both spigot and socket resulting in a watertight seal.

SIZE CHART

PIPE SIZE (mm)	A (mm)	B (mm)
63	10,4	17,8
75	11,6	19,9
90	12,7	21,7
100*	13,8	21,6
110	13,8	22,0
125	13,8	23,6
140	14,8	25,3
150*	17,2	23,5
160	15,9	27,2
180	17,5	28,8
200	16,9	29,0
200*	20,2	32,0
225	18,0	30,8
225*	21,8	33,8
250	21,1	34,2
250*	23,6	37,0
280	22,5	36,1
300*	23,7	40,4
315	23,6	37.6
355	25,8	40.9
400	28,0	44,9
450	29,5	47,0
500	31,6	51,4
630	38,2	61,3
710	42	67,4
800	43,3	69,4
900	44,5	74,0
1000	46,0	78,0
1200	48,0	79,0

*Seal for Australian Standard AS-4441



APPROVALS

- CE-marking
- BSI “Kitemark”
- Swedcert
- KIWA-ATA
- IRAM
- Watermark
- ACS
- WRAS

STANDARDS

- EN 681-1 WC, WA
- AS1646, AS/NZS 4020
- IRAM 113035
- AFNOR XP P 41-250
- Hydrocheck (Belgaqua)
- Elastomerleitlinie
- BS 6920
- W270
- BRL K17504

MATERIAL

- Synthetic rubber (EPDM)
- Hardness 60+/-5 IRHD
- Approved for drinking water

Trelleborg proven quality:

Version 5.0_2024