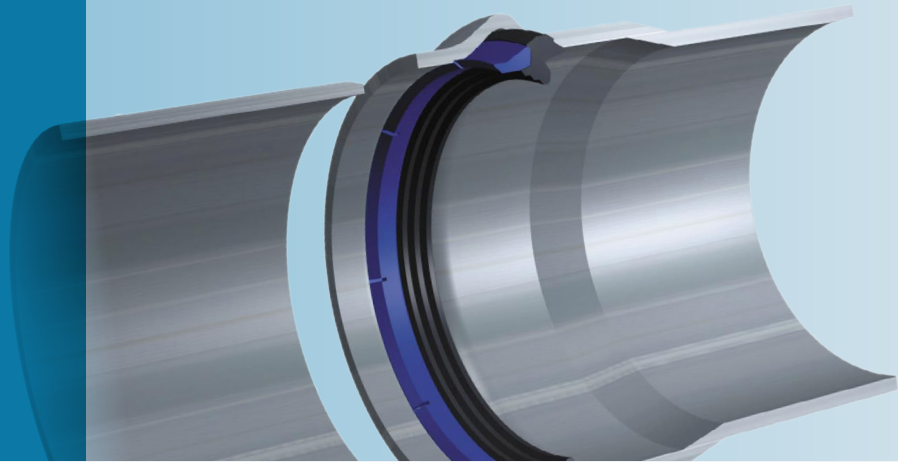


Forsheda 584 Anger-Lock™

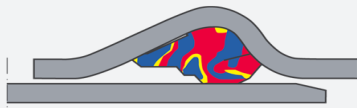
Locked-in sealing system for plastic pressure pipes, wastewater conduit and cast iron fittings



SEAL DESIGN AND FUNCTION

The Forsheda 584 Anger-Lock™ locked-in seal is a combined lip and compression seal which is installed inside the socket after it has been formed. Making the seal an integral part of the pipe eliminates many of the disadvantages of separate sealing rings.

The unique design comprises of a rubber sealing element bonded to the plastic retaining element which holds the seal securely in position during transport and pipe assembly. The seal is designed to absorb any permissible variations in the groove.



SEAL PERFORMANCE

The Forsheda 584 Anger-Lock™ joint meets the requirements of the American standard AWWA C-900 for pressure vacuum deflection and shear load.

The seal design gives low assembly forces making pipe jointing easier.

Test reports are available from Trelleborg Pipe Seals on request.

MATERIAL

Synthetic EPDM rubber

Hardness 60±5 IRHD

Meets the requirement of ASTM Standard F-477 and UL 1285

Approved for contact with cold potable water according to ANSI/NSF 61 and UL component recognition

Ozone resistant material

Detailed material specification is available from Trelleborg Pipe Seals on request.

QUALITY ASSURANCE

CE-marking

UL

STANDARDS

UL1285

ASTM F477 HH

NSF/ANSI 61

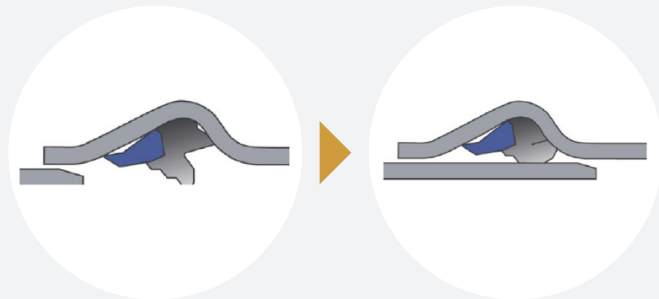
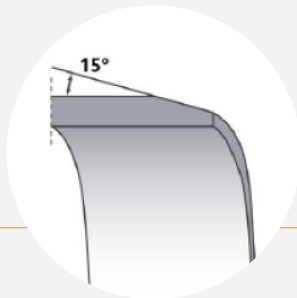
JOINT ASSEMBLY

Chamfer the spigot end

Clean the socket

Apply lubricant on the spigot before assembly

Slide the spigot into the socket, thus compressing the sealing lip



OTHER TECHNICAL DATA

Forsheda F-584 has been tested to the requirements of the ASTM Standard 3139 and the following results were obtained:

Pipes were deflected to the maximum limit and an internal hydrostatic pressure of 3.5 MPa (510 psi) was applied for 1 hour. The pressure was then increased to 70 MPa (1020 psi) for 1 minute.

Result: No leakage

Pipes were deflected to the maximum limit and an internal vacuum of -0.75 kPa (-11 psi) was applied for 1 hour.

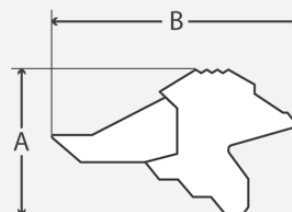
Result: No leakage

SEAL MARKING AND BOX LABELS

Each seal is marked with seal dimension and period of manufacture. The box is labelled with corresponding data.

EXAMPLES OF SIZES (INCH)

PIPE SIZE, INCH	A	B
4	1.047	0.748
6	1.173	0.866
8	1.339	0.929
10	1.614	1.102
12	1.732	1.165
14	1.854	1.248
16	1.99	1.39
18	2.079	1.531



Examples of authorities Trelleborg Pipe Seals cooperates with:



WWW.TRELLEBORG.COM/PIPESEALS