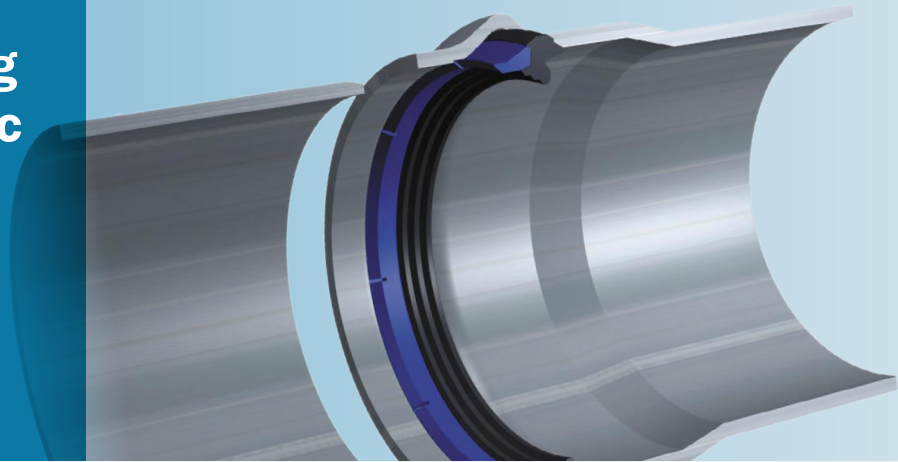


Forsheda 552 Anger-Lock IPS

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



SEAL DESIGN AND FUNCTION

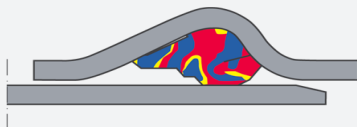
The Forsheda 552 Anger-Lock IPS locked-in seal is a combined lip and compression seal which is installed inside the socket after it has been formed. Making the seal an integral part of the pipe eliminates many of the disadvantages of separate sealing rings.

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 F-552 Anger-Lock IPS joint meets or exceeds current European and American Standards 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 rubber

Hardness 60±5 IRHD / 50± IRHD

Approved in accordance with EN 681-1 and ASTM standard F-477

Ozone resistant

Approved for contact with cold potable water

QUALITY ASSURANCE

CE-marking

BSI (Kitemark)

KIWA/Swedcert

KIWA-ATA

Watermark

STANDARDS

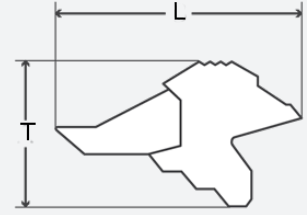
EN 681-1 WC,WA

ASTM - 2241

ASTM - 477

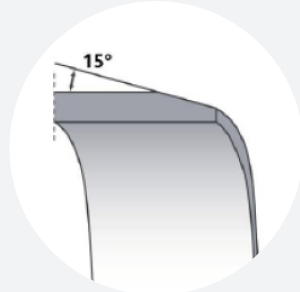
EXAMPLES OF SIZES (MM)

Dim	ØOD	Tol ±	T	Tol ±	L	Tol ±
2in (60mm)	3.07	0.011	0.40	0.015	0.70	0.03
3in (90mm)	4.40	0.019	0.50	0.015	0.85	0.03
4in (100mm)	5.44	0.019	0.55	0.015	0.94	0.02
6in (165mm)	7.60	0.027	0.62	0.015	1.07	0.04
8in (216mm)	9.68	0.035	0.66	0.019	1.13	0.04
10in (267mm)	11.91	0.047	0.83	0.019	1.34	0.04
12in (318mm)	14.09	0.055	0.92	0.019	1.37	0.04



PIPE ASSEMBLY

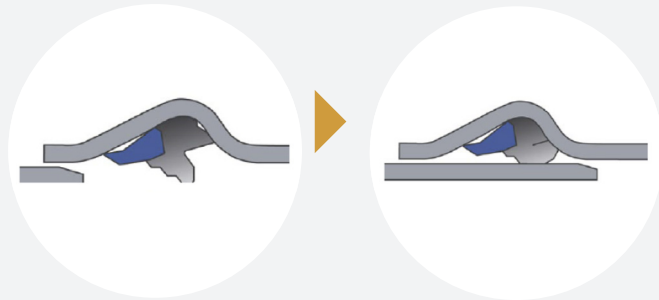
Chamfer the spigot end



Clean the socket

Apply lubricant on the spigot before assembly

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



SEAL MARKING AND BOX LABELS

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

Pipes with F-552 shall always be laid in accordance with applicable standards and regulations.

Please contact Trelleborg Pipe Seals for technical advice and joint design recommendations to meet your performance requirements.

Examples of authorities Trelleborg Pipe Seals cooperates with:




TRELLEBORG

WWW.TRELLEBORG.COM/PIPE-SEALS