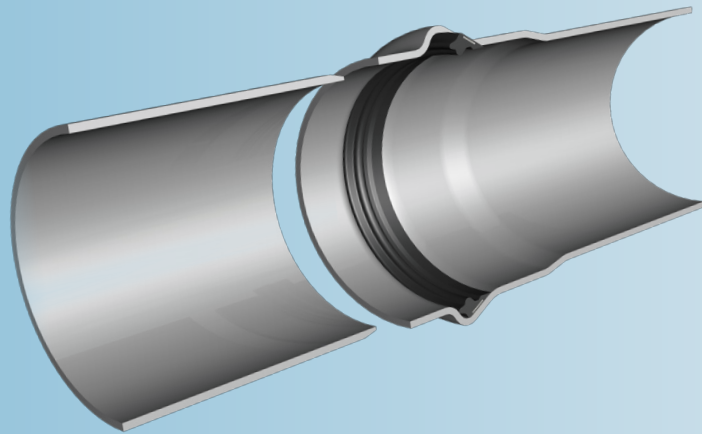


Forsheda 559 Rieber Metric Pressure

Integrated sealing system for plastic pressure pipes



SEAL DESIGN AND FUNCTION

The Forsheda 559 Rieber Metric Pressure integrated system uses the mandrel together with the seal as a tool to form the pipe socket during the manufacturing process. Forsheda 559 Rieber Metric Pressure is a seal composite consisting of:

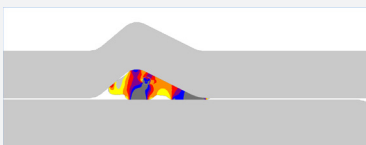
A flexible rubber element to seal effectively against spigot and socket.

A treated metal insert which holds the seal firmly in place.

The seal is placed onto the socket during pipe manufacture, ensuring it is always in the correct position in the joint. The seal is equally effective under both positive and negative pipe pressure (vacuum).

SEAL PERFORMANCE

The Forsheda 559 Rieber Metric Pressure sealing system meets or exceeds current international standards.



MATERIAL

Synthetic SBR rubber, available in EPDM and Nitrile by special order

Hardness 55±5 Shore A

Meets the requirements of ASTM F-477, NMX T-021 & ISO 4733

Approved for contact with cold potable water according to ANSI/NSF 61

Available in oil resistant material

Product/material certified to CSA, Certimex and ASTM standards by third party accredited laboratories

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

QUALITY ASSURANCE

ISO 9001

NSF

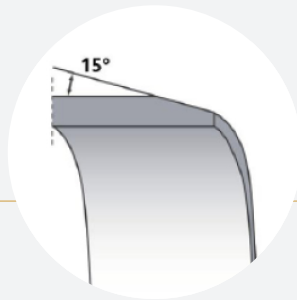
UL

CSA

CERTIMEX

JOINT ASSEMBLY

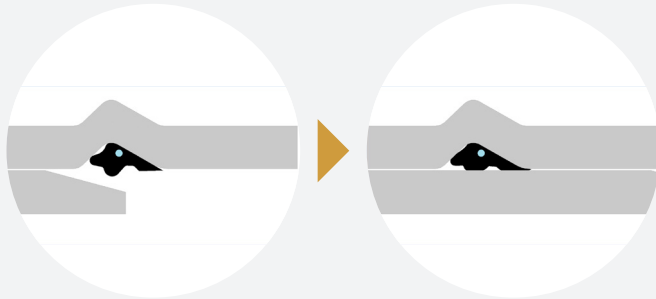
Chamfer the spigot end



Clean the socket

Apply lubricant on the spigot before assembly

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



Pipes with F-559 Rieber Metric Pressure shall always be laid in accordance with applicable standards and regulations.

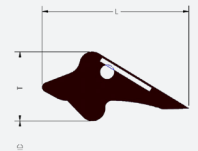
Please contact Trelleborg Pipe Seals for technical advice and joint design recommendations to meet your performance requirements.

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 (MM)

DN	ID	T	L
100	93.7	12.5	27.3
450	439.0	28.8	59.5
500	487.6	32.0	68.5
630	615.9	36.0	77.0
800	784.6	42.0	92.0
900	883.1	98.4	46.0
1000	981.8	107.0	50.0
1200	1176.0	119.8	56.0



Examples of authorities Trelleborg Pipe Seals cooperates with:



CSA Group



WWW.TRELLEBORG.COM/PIPE-SEALS