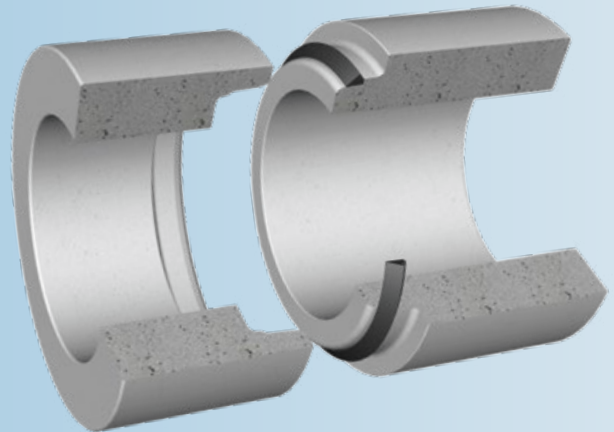


# Trelleborg 104 Delta Seal

Seal for concrete  
pipes and manholes



## KEY FEATURES & BENEFITS

- Easy to center during jointing
- Seal for concrete pipe and manhole systems
- Meets the requirement of all relevant current European standards

## SEAL DESIGN & FUNCTION

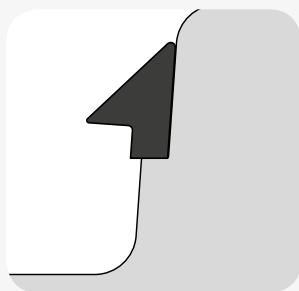
Trelleborg 104 is a sliding seal that is stretched onto the spigot end of the pipe or manhole. Lubricant is applied to the socket prior to jointing.

The joint design is standard in many countries. A drawing is available on request. The special design of the joint and seal make the system easy to centre during jointing. This design permits installation with very low force.

Joint performance is dependent on dimensional accuracy and surface finish of socket and spigot. Test reports are available on request.



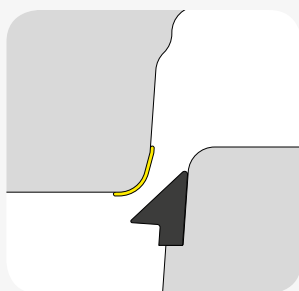
## JOINT ASSEMBLY



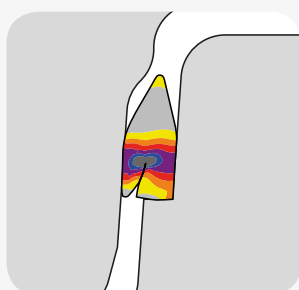
Stretch the seal onto the spigot and position against the shoulder.



Equalize the stress in the seal by lifting and releasing at a few points. The seal must sit evenly against the spigot shoulder all around the pipe or manhole.



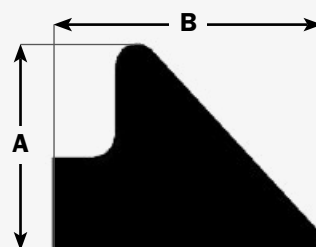
Apply lubricant to the socket. The lubricant must be evenly spread over the surface of the entire socket paying special attention to the radius at the front.



Centre the joint and assemble using suitable equipment.

## SIZE CHART

A (mm   in)	B (mm   in)	Joint GAP (mm   in)
16   0,63	21.0   0,83	9.2±1.2   .36±.05
18   0,71	25.0   0,98	10.4±1.4   .41±.06
20   0,79	26.0   1,02	11.5±1.5   .45±.06
22   0,87	28.0   1,10	12.7±1.7   .50±.07
24   0,94	30.5   1,20	13.5±2.0   .53±.08
26   1,02	33.5   1,32	15.0±2.0   .59±.08
28   1,10	35.5   1,40	16.0±2.5   .63±.10
30   1,18	38.0   1,50	17.3±2.5   .68±.10
33   1,30	43.0   1,69	18.1±2.5   .71±.10
36   1,42	46.5   1,83	19.8±2.5   .78±.10
38   1,50	49.0   1,93	20.9±2.5   .82±.10



## APPROVALS

- CE-marking
- BSI "Kitemark"

## STANDARDS

- EN 681-1
- ISO 9001

## MATERIAL

- Synthetic rubber (SBR or EPDM)
- Hardness 40±5 IRHD
- Protected against ozone
- Oil resistant grades are available on request

Authorities we cooperate with:



# TRELLEBORG

WWW.TRELLEBORG.COM/PIPE-SEALS