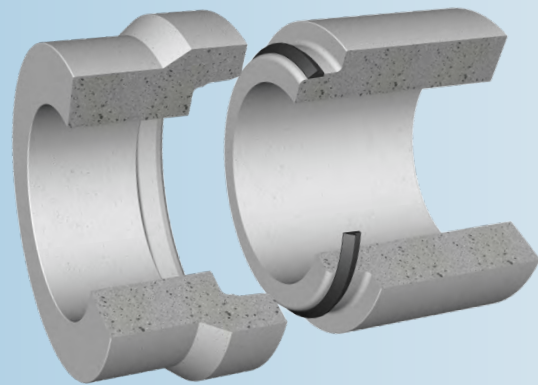


Trelleborg 159 Wedge Seal

Seal for concrete pipes
and jacking pipes



KEY FEATURES & BENEFITS

- **Low joint assembly force**
- **Excellent sealing capability under both internal and external pressure**
- **Assists centering of the joint during assembly**

SEAL DESIGN & FUNCTION

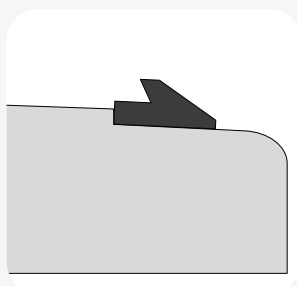
Trelleborg 159 Wedge Seal is a sliding seal that is stretched onto the spigot of the pipe or manhole. Lubricant is applied to the socket prior to joining.

The seal is deformed when the spigot is inserted into the socket, creating a positive seal under both internal and external pressure.

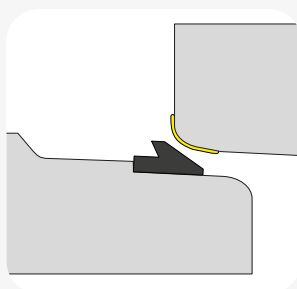
The wedge-shaped design encourages self-centering of the joint and is particularly suitable for jacking pipe where a higher-pressure robust joint is required. An 'S' version is available in a limited number of profiles.

The Trelleborg 159 Wedge Seal meets all relevant current European standards.

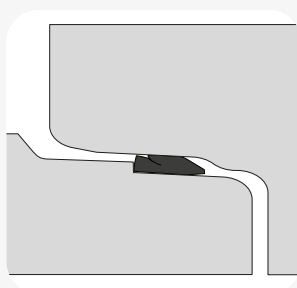
JOINT ASSEMBLY



Stretch the seal onto the pipe spigot and position against the shoulder as shown. Equalize the tension by lifting and releasing the seal at several points.



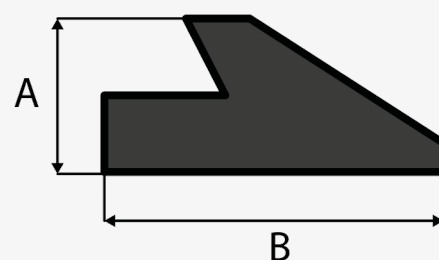
Apply lubricant to the socket. This must be evenly spread over the surface of the entire socket.



Center the spigot into the socket and assemble.

SIZE CHART

A (mm)	B (mm)	C (mm) "S" Version	Joint Gap (mm)
8.5	8.2		5.3±0.7
10.0	21.4		6.2±0.8
12.0	25.7		7.4±0.9
14.0	30.0		8.6±1.1
16.0	30.0	26.0	9.8±1.3
18.0	38.6	28.0	11.0±1.4
20.0	42.9	31.8	12.2±1.5
22.0	47.1	35.0	13.5±1.7
24.0	50.0	38.5	14.7±1.9
26.0	55.7	41.7	15.9±2.1
28.0	49.0	44.4	17.3±2.1
30.0	53.7		18.3±2.5



STANDARDS AND APPROVALS

- CE-marking
- ISO 9001
- BSI "Kitemark"
- EN 681-1

MATERIAL

- Synthetic SBR or EPDM rubber
- Hardness 40±5 IRHD
- Protected against ozone

Proven quality:



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