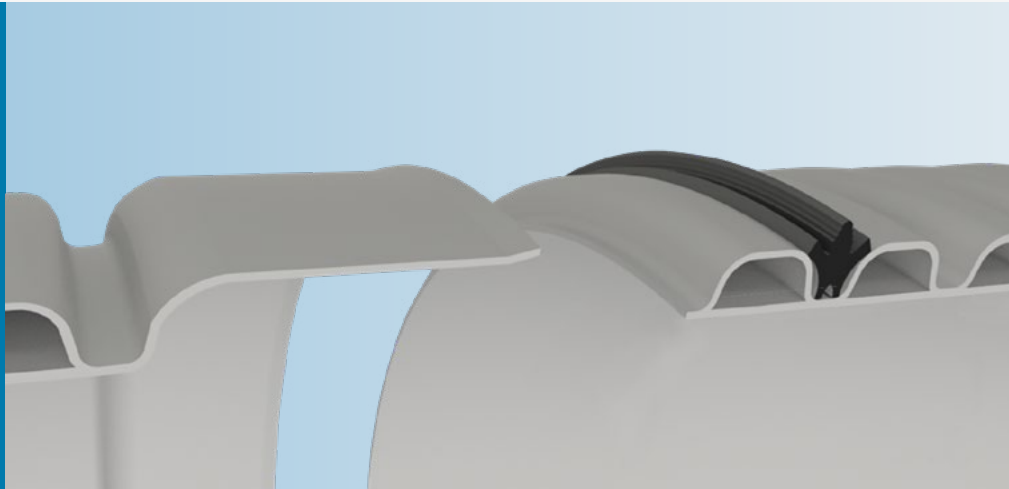




Trelleborg 505 DWC EasyLock

**Corrugated pipe seal
for sewer and storm
water applications**



KEY FEATURES AND BENEFITS

- **Easy installation**
- **Low jointing force**
- **Absorbs all permissible variations in pipe geometry**

Patent #: US 9,759,361 B2

SEAL DESIGN AND FUNCTION

Trelleborg 505 DWC EasyLock is a combined lip and compression sealing system that is positioned in the groove of the double wall corrugated (DWC) pipe.

Symmetrical by design, there is no chance of error when mounting the seal onto the pipe. The material and design allow for the lowest possible jointing force.

Once jointed, the Trelleborg 505 will absorb any permissible variation in pipe geometry whilst maintaining a high sealing performance.

The material chosen, SBR vulcanized rubber, offers excellent resilience, strength and resistance to abrasion and materials present in wastewater. This makes it the perfect choice for non-pressure underground drainage and sewage systems.

The Trelleborg 505 DWC EasyLock meets or exceeds current international standards.

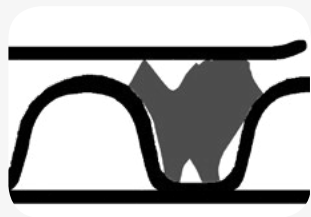


JOINT ASSEMBLY



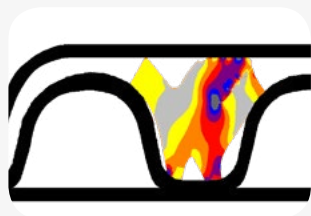
Clean the socket and 1st spigot groove and mount the seal into the groove.

Apply lubricant to the seal before assembly.



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

When the pipes are assembled, the rubber sealing element is designed to deform. This creates pressure on both spigot and socket, ensuring a watertight seal.

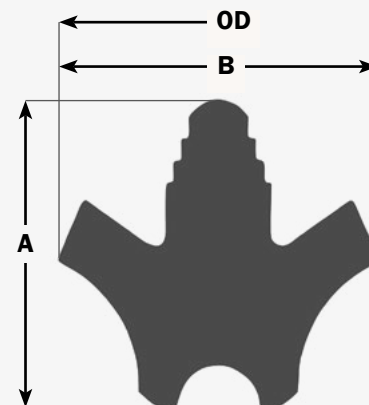


Pipes with Trelleborg 505 seals must be laid in accordance with applicable standards and regulations.

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

SIZE CHART

PIPE SIZE (mm/inch)	A (mm)	B (mm)	OD (mm)
100 / 4	7.5	15.3	103.3
110	4.8	12.5	99.2
150 / 6	10.4	16.9	149.4
160	10.4	16.9	149.4
200	10.6	10.9	186.7
200 / 8	12.4	12.7	194.2
250 / 10	16.3	18.6	230.7
315	19.5	21.0	293.4
400 / 16	23.5	23.7	376.4
450	27	22.1	432.2
450 / 18	29.5	28.6	473.4
600 / 24	37.1	32.0	619.6
750 / 30	44.8	42.0	795.7
900 / 36	49.5	46.0	960.4



APPROVALS

- ASTM F477
- ASTM F794
- NTC 3722
- NTC 5055
- NMX E230
- NOM-001-CONAGUA-2011

STANDARDS

- ISO 21138
- ISO 4633

MATERIAL

- SBR vulcanized rubber
- Hardness 50 IRHD Shore A
- Ozone resistant

Authorities we cooperate with:



TRELLEBORG

WWW.TRELLEBORG.COM/PIPE-SEALS