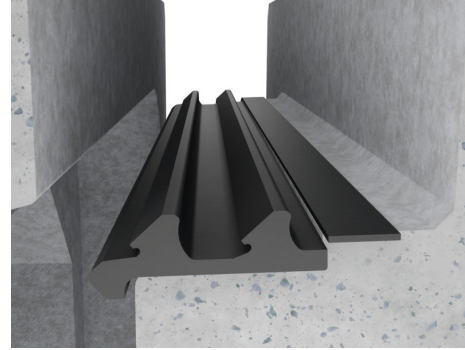


DS PDK - checkable double wedge



DS PDK is an immediately checkable double wedge slide seal made from elastomers with dense structure for the permanent sealing of concrete pipes and reinforced concrete pipes and socket box culverts.

- DS PDK is in accordance with the requirements of EN 681 -1 / DIN 4060 – seals made from elastomers – and the FBS quality guideline.
- DS PDK double wedge slide seal. It requires a shoulder on the spigot end which determines the seat of the profile.
- DS PDK is equipped with two valves allowing a water tightness testing in the room between the two wedges against the socket and – through perforations through the bridge between the two wedges – against the spigot end.
- DS PDK can only be used in pipe diameters accessible to people.
- DS PDK is fixed to the spigot end in the pipe producing factory.

**Tested and quality controlled
by MPA Berlin-Brandenburg.**

SPECIAL ADVANTAGES

- Two valves in the DS PDK allow a socket inner pressure testing without additional effort on site.
- Directly after mounting a fill up of the excavation is possible.
- A pressure test can be done in the running canal operation before the end of warranty.
- In case of a problem a later sealing can be done without effort.
- By the doubled wedges the shear load is increased.

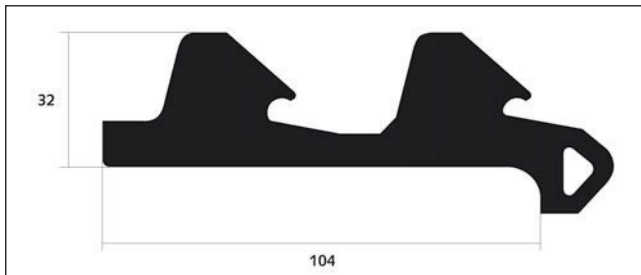
MATERIAL

DS PDK is usually produced from styrene-butadiene rubber (SBR), hardness 40+5 IRHD. The material resists the usual stresses caused by sewage.



DIMENSIONING OF THE SEALING RING

(all dimensions in mm)



DS PDK 32

Exact dimensions of the groove are available on request

TIPS FOR PRESSURE TEST

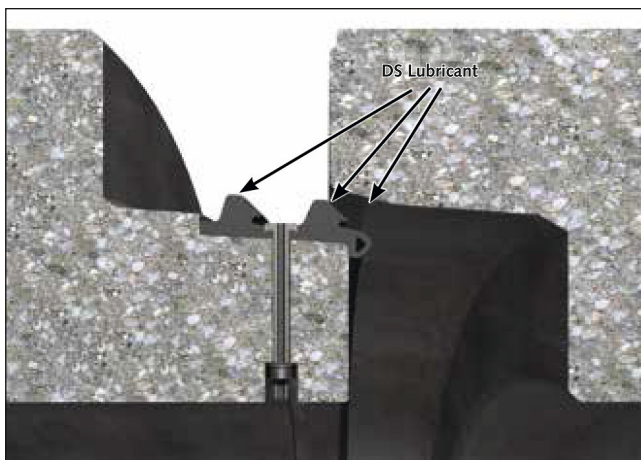
Water infill equipment with a stopcock has to be connected to the isolation valve.

A manometer with stopcock has to be mounted to the valve. The stopcock must be open.

Fill water via the lower valve in until flowing water comes out of the upper valve without air bubbles (no air is allowed to come anymore).

Now close the upper stopcock, increase the internal pressure by continuing the water inflow and hold the pressure for 15 minutes. In case of only minimal pressure drop the nominal test pressure has to be achieved again via additional water inflow.

NOTES FOR HAULING



DS PDK pipe connections can be installed without any problems using normal construction site equipment. When laying the pipes observe DIN EN 1610 and work sheet DWA-A 139.

- Clean the sealing ring, socket and spigot end before installing.
- Cover thoroughly both wedges and the socket with DS lubricant.
- Move spigot end centrally into socket and pull pipes together.



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DS⁺
DICHTUNGSTECHNIK