

General information

Fittings

Hawle fittings can be used in buried pipeline construction, in water distribution systems (not in the installation) and, depending on the version, in sewage collection.

Hawle push-fit fittings

The proven Hawle plug-in connection technology guarantees optimum reception of the pipe in the fitting. Restraint and tightness are produced via grip ring and O-ring. The large-volume O-ring made of highly elastic rubber seals even on the out-of-round pipe (even at negative pressure) thanks to the initial tension. The clamping ring holds the plastic pipe in a tight connection and via the even distribution of the cohesive forces guarantees that no notch stresses are transferred to the pipe. If the pipe is being pushed out by internal pressure, this has the effect of also pulling the clamping ring into the conical chamber and thus increasing the tensile strength of the connection (pressure-proportionate sealing and restraint system).

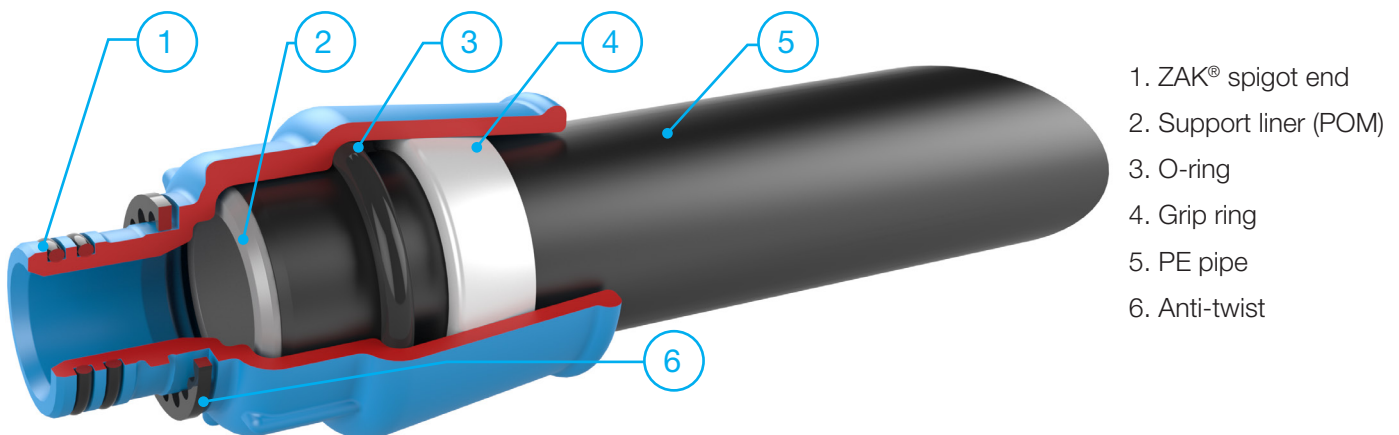
The connection is elastic: the fitting can be removed again as necessary. For PE pipes PE 80/PE 100 and PE-X pipes, the fitting is used with a swivel clamp, on PVC pipes with a corundum clamp. The push-fit fittings are manufactured from GJL-250/GJS-400 with Hawle epoxy powder coating or alternatively from POM.

To avoid contact corrosion, cast fittings with an internal or external thread should not be combined with components made of nobler materials (particularly brass). We recommend using ZAK® fittings, which are threadless and fully corrosion-protected.

You can find more information on the ZAK® system in the preface to the price list.

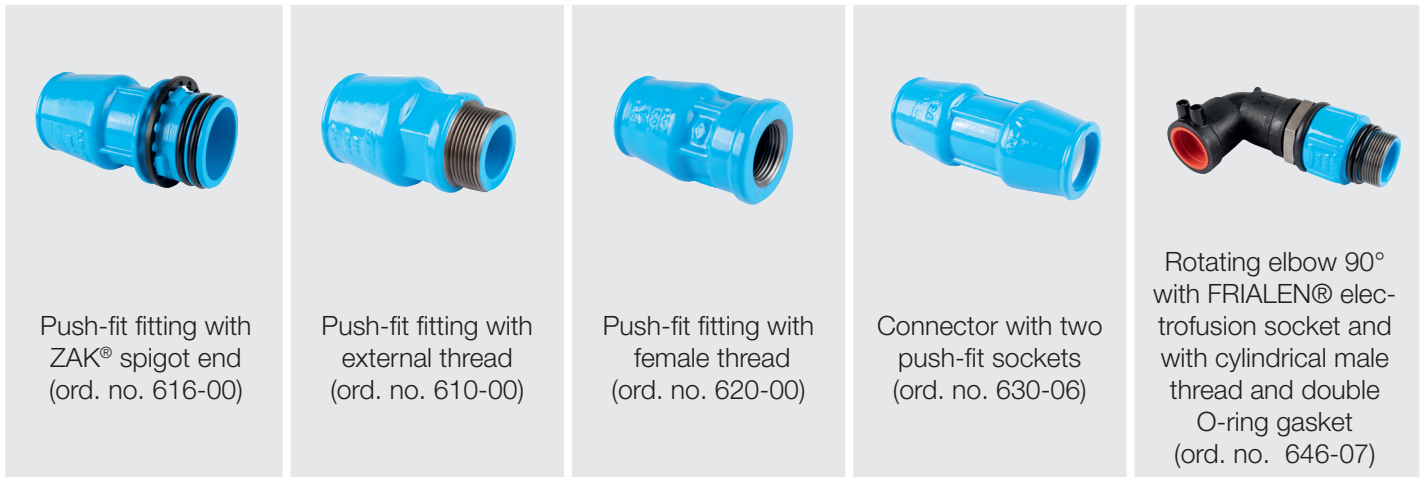
Technical features

- For pipes made of PE 80, PE 100, PE-X (version with swivel clamp - standard)
- For pipes made of PVC (version with corundum clamp – on request)
- Easy installation / dismounting
- Pressure-proportionate sealing- and restraint system
- Support liners must be used when installing PE pipes



Note: For push-fit fittings in the domestic connection sector (d 25 to d 63 mm) the support liners (POM) are included at the factory. The number of support liners included is based on the number of connections.

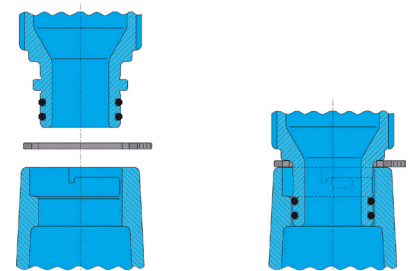
Versions



Versions

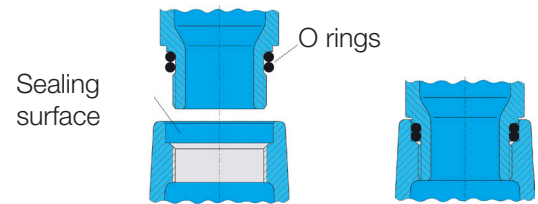
ZAK® connection (joining technique without any threads):

- No thread and no hemp packing
- Manual assembly force sufficient (no tools necessary)
- Integral corrosion protection



Cylindrical external thread with double O-ring:

- No hemp packing thanks to use of sealing surface on Hawle saddles (version "D")
- Manual assembly force sufficient (no tools necessary)



Conical external thread:

- Connection with commercially available internal thread (use hemp or Teflon tape)

Internal thread:

- Connection with commercially available conical external thread (use hemp or Teflon tape)