



## PRODUCT FEATURES

Pushfit fittings are quick and easy to use, with no nuts to loose or leave undone. Simply push the pipe into the fitting. The grip and seal on the pipe increases with pressure and tensile load so that the pipe will burst or neck before the fitting will fail.

Service Fittings: From 16mm(3/8") up to 63mm (2")

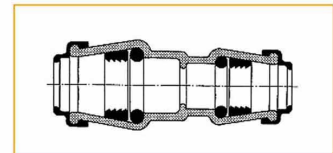
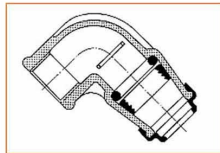
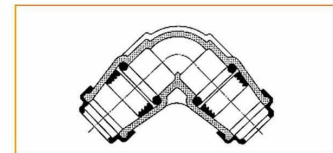
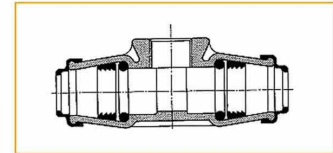
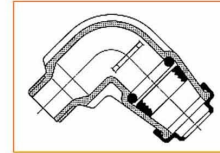
Body: Ductile Iron Epoxy coated with min. thickness of 200 microns

Connectors: Equal and reducing connectors, tees and 90° bends.

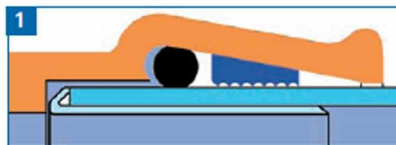
Ends: PE x male thread, PE x female thread, PE x PE  
Male threaded: BSP BS 21:1985 male taper thread or BS 2779:1986 male parallel thread

Female threaded: BSP BS21:1985 female taper thread or BS 2779:1986 female parallel thread

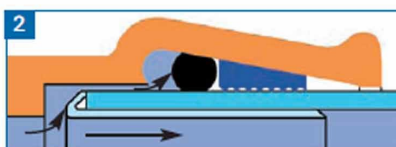
Working Pressure 16bar - Test Pressure 24bar



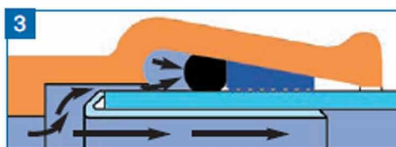
## WORKING PROCEDURE



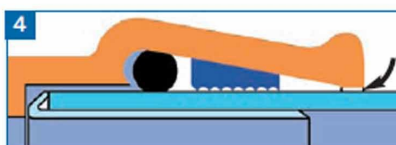
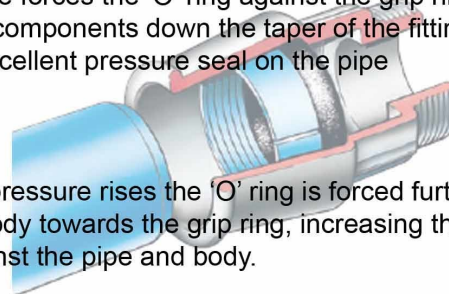
After insertion of the pipe, with the components at rest, the 'O' ring provides the water seal and the grip ring is ready to resist any pull out.



Water pressure forces the 'O' ring against the grip ring, pushing both components down the taper of the fitting creating an excellent pressure seal on the pipe



As the water pressure rises the 'O' ring is forced further down the tapered body towards the grip ring, increasing the sealing pressure against the pipe and body.



In negative pressure conditions the 'O' ring remains in its original seating position and provides an effective vacuum seal.