

UPE Mini Repair Collar

Repair Fittings for PVC Socket and Spigot Joints

Benefits

- Repairs metric PVC socket joints
- Quick and efficient installation
- Removes the disruption, possible contamination and costs involved in replacing leaking joints with two connections
- Designed for all potable water applications up to a working pressure of 7bar
- Retained bolts for ease of fitment
- Can be installed without shutting down the main
- Minimal on-site excavation needed

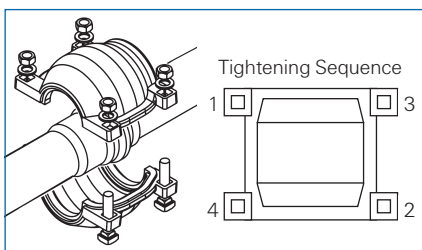


Fitting Instructions

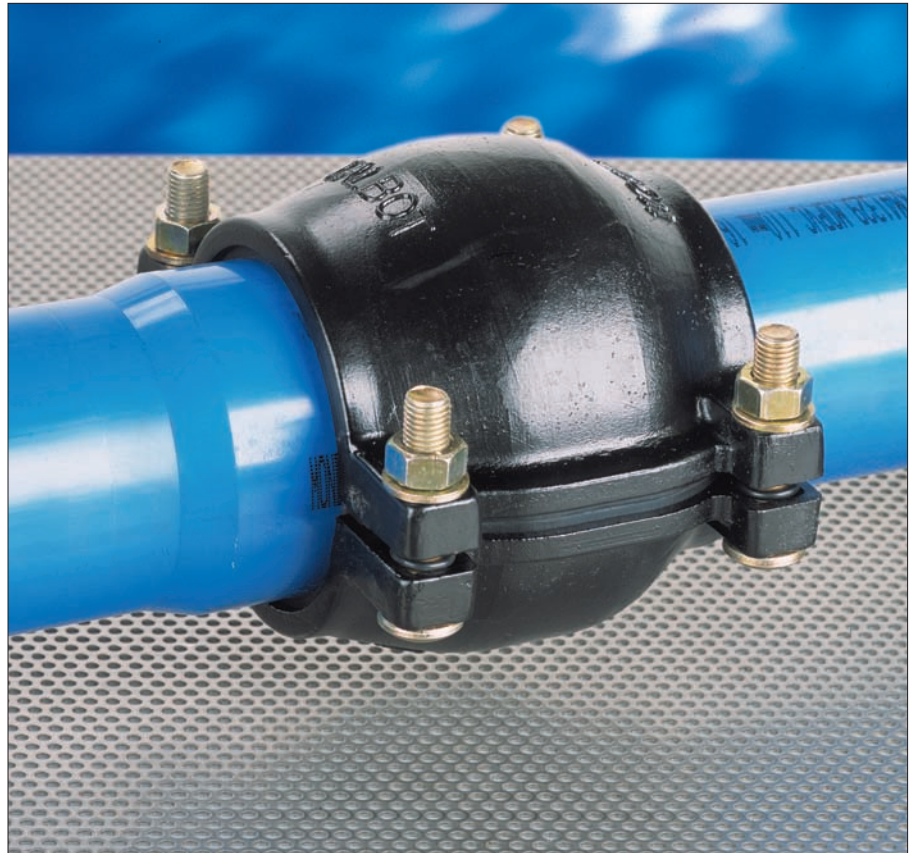
Separate the fitting. Place the half with the bolts under the damaged connection.

Place the other half on top of the connection, locating the bolts through the four holes. Loosely fit and hand tighten the nuts and washers.

Ensure that the two halves line up and are securely located round the pipe. Tighten the bolts further to a torque of between 30 and 40Nm, in a diametrically opposing sequence.



The UPE MiniSoc Repair Collar is designed for fast and efficient repair of spigot and socket joints on metric PVC pipes, giving significant savings in time, labour and material costs.



Technical data

Pressures	Working	Test
Water:	7 bar	11 bar

Temperature: Up to 40°C

Temperature increases may affect the installed life of the product. For further information relating to operating temperatures please contact the UPE customer service department at the telephone number shown below.

Material:

Body: Ductile Iron
Sealing Gasket: EPDM

Coating:

Bitumen
(alternative coatings available on request)

Fasteners:

Mild steel Steel to BS 4399
Zinc/Yellow Pasivated

Safety

As with all industrial products it is important to take adequate safety precautions such as the use of adequate protective clothing like gloves, overalls, eye protection and safety footwear during installation, use and maintenance.

Dimensions and Details

Nominal Pipe Size	Length	Width	Height	Number of Bolts	Size of Bolts	Weight Kg
63mm	130mm	160mm	125mm	4	M12 x 60	2.9
90mm	159mm	220mm	160mm	4	M16 x 80	5.9
110mm	166mm	235mm	170mm	4	M16 x 80	6.2

General application

The UPE MiniSoc Repair Collar can be used to effectively repair spigot and socket joints damaged by misalignment due to ground movement, cracked or broken sockets or displaced or damaged seals. Once installed the collar is designed to allow for angular movement, avoiding any further damage to the pipe and also increases the end load resistance of the original connection.

The UPE MiniSoc Repair Collar fully encapsulates the damaged joint for a secure and permanent repair and is designed for all potable water and waste water applications up to a working pressure of 7 bar.

A resilient and corrosion resistant protective coating enhances the life span of the fitting.

Technical help

For further technical data, product specifications and general information please contact the UPE Customer Service Department at the telephone number shown below.

Associated Products



UPE Underpressure Tees offer the customer a robust and flexible means of taking flanged connections between 80mm and 1200mm diameter off water and gas mains.

The universal tolerance and elastomeric seals ensure a leak free connection on all rigid pipe materials within the fittings tolerance, including Ductile Iron, Cast Iron, Steel and uPVC. The large seal not only helps to give the fitting its considerable tolerance but also enables rough or corroded pipes to be sealed without extensive pipe preparation.



The UPE SuperCollar fitting is a wide tolerance fitting designed for the fast and efficient repair of damaged rigid water or gas mains providing significant savings in time, labour and material costs. The SuperCollar fitting is designed to stand lateral, axial and radial pipe movement and so is ideally suited to under road applications or situations where ground movement is possible. The large seal not only helps to give the fitting its considerable tolerance but also enables rough or corroded pipes to be sealed without extensive pipe preparation.

The fitting can also be drilled and tapped up to 2" through either of the two bosses and used to take off services from existing supplies, removing the need to turn off the main or reduce its pressure.



The UPE UniSoc and UniSoc⁺ fittings are designed for the fast, efficient repair of spigot and socket connections of water and gas pipes and provide significant savings in time, labour and material costs.

UniSoc fittings are suitable for use on all spigot and socketed Cast Iron and Ductile Iron pipes. They are supplied ready assembled, consisting of two identical halves and two sets of gland rings.

The New UniSoc⁺ fitting has a modified body that is large enough to cover an existing ferrule or similar take off device that may be leaking or damaged so helping to avoid costly closure of the main to effect a repair.



The UPE range of Stainless Steel Repair Clamps provide a quick, efficient and versatile method of repairing broken or damaged rigid pipe material from 15mm to 450mm (0.6" to 18") in diameter. The Mini Repair Clamp can be used on small rigid pipes from 15mm to 80mm (0.6" to 2.1") that have split, have pin holes or have developed porosity in a localised area. The Single and Double Band Repair Clamps can be used on larger pipes, from 50mm to 450mm (2" to 18") and will repair most forms of pipe damage.

The main difference between the Single and Double Band Stainless Steel Repair Clamps is in the tolerance range. The Single Band Clamp has a pipe OD tolerance of 10mm whilst the Double Band Clamp has a pipe OD tolerance of 20mm. Both the Single and Double Band Stainless Steel Repair Clamps are supplied as standard in lengths of 190mm/7.5" but can also be supplied in longer lengths in increments of 65mm/2.5"

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