

## UPE Universal Repair Collar

### Benefits

- Repairs circumferential breaks, corrosion holes, impact damage and longitudinal cracks
- Suits all common rigid pipe materials
- Quick and efficient installation with no loose components
- Can be installed without shutting down the main
- Available drilled and tapped up to 2" BSP
- Designed for all potable water and waste water applications up to a working pressure of 16 bar
- Prolonged life of fitting due to corrosion protective coating



### Corrosion protection

The FBE coating offers excellent impact and abrasion resistance. This durable coating removes the need for further on site protection and gives the fitting an excellent installed life span.

The captivated bolts are fully coated and are approved to WIS 4-52-03.

PVC end caps are fitted on the bolt thread tips for additional protection during transit. Other bolt materials are available on special request.

The UPE Universal Repair Collar is a versatile and adaptable product with each fitting having one of the widest pipe size tolerances on the market today. For example the 3"/80mm UPE Universal Repair Collar will suit 80mm DI, 3"/90mm PVC and 3" CI pipe. In fact it will repair breaks, damage and cracks on any rigid pipe material with an outside diameter between 85mm and 103mm. This versatility offers many benefits, including reduced stock holding and the assurance that you have the correct fitting for the job. The UPE Universal Repair Collar is reliable and easy to use and can be installed on damaged pipes without shutting down the main.



### Technical data

Pressures	Working	Test
Water:	16 bar	24 bar

Temperature: Up to 50°C

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

Material:

Body:	Ductile Iron
Side Wedges	Aluminium
Sealing Gasket:	EPDM (EN 681)

Coating:

Blue fusion bonded epoxy to WIS 4-52-01

Fasteners:

Bolts & Nuts:	Mild steel Steel to BS 4399 Coated to WIS 4-52-03
Washers:	Stainless Steel

### 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.

### General application

The UPE Universal Repair Collar has been designed for all potable water and waste water applications up to a working pressure of 16 bar and can be used on any rigid pipe material that falls within the tolerances stated below.

The tapping boss on the outer body can be drilled and tapped, either prior to delivery or on site, up to 2".

The UPE Universal Repair Collar should not be used on PE pipe repairs

### Range

Size Nominal Bore	Tolerance Range
3" / 80mm	85.4mm - 103.0mm
4" / 100mm	111.8mm - 129.4mm
6" / 150mm	165.2mm - 184.8mm

### 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 fitting is 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 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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