

CONNECT + CONTROL



Pegler Yorkshire



FLEXIBLE METAL - BENDING THE RULES OF PLUMBING

CONNECT WITH CONFIDENCE

Tectite



**SEE OUR
NEW EXTENDED
RANGE OF VALVES -**

AVAILABLE FROM JULY 2014



THE TECTITE FLEXIBLE METAL SYSTEM

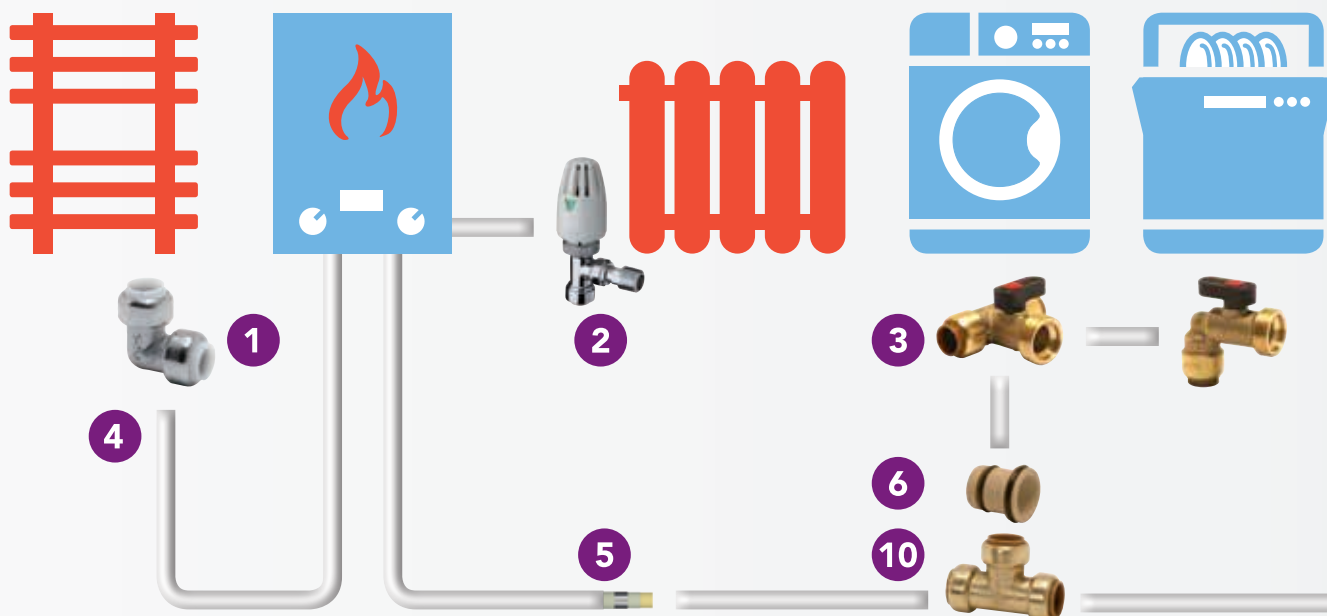
Every customer relies on you to do a good job, quickly, cleanly, cost-effectively and with no unexpected problems. You need to be sure that whatever you recommend and install today won't cause problems for you or your customers in the future. Your reputation depends on it.

The brand new and completely unique Tectite Metal Push-Fit System, offers you the next evolution in domestic plumbing. At Tectite we believe in the efficiency and swift installation offered by a flexible plumbing solution, combined with the performance and reliability offered by traditional metal systems.

1. Connect Tectite Tube or fittings direct to the boiler*

2. The valve range includes the Terrier thermostatic radiator valve with integrated Tectite connection. An energy efficient system upgrade with a time efficient installation

3. A range of appliance valves is available for connecting washing machines and dishwashers. The isolating valves come in straight, bent or tee patterns and all have interchangeable red and blue indices



4. Performance and longevity aren't the only consideration in an installation, with Tectite Chrome fittings you can connect directly on to chrome tube providing a sleek and stylish finish

5. Tectite Tube offers installers the flexible installation of plastic with none of the compromise, suitable for use on central heating and potable water

6. TectSEAL™ 3PS features patented directional seals, pre-lubricated for reduced insertion force and a reliable seal every time



SUITABLE FOR USE ON:



Hot and cold potable water



Central heating systems from boiler* to radiator



Chilled water services

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FEATURES

- + Reduces the number of fittings used by up to 40%
- + Operating maximum of 6 bar at 95°C and 16 bar at 30°C
- + 8 x less expansion than plastic systems
- + No sagging under temperature due to metal construction
- + Rodent resistant metal construction
- + Mould into the tightest bends by hand
- + Clip only once per metre

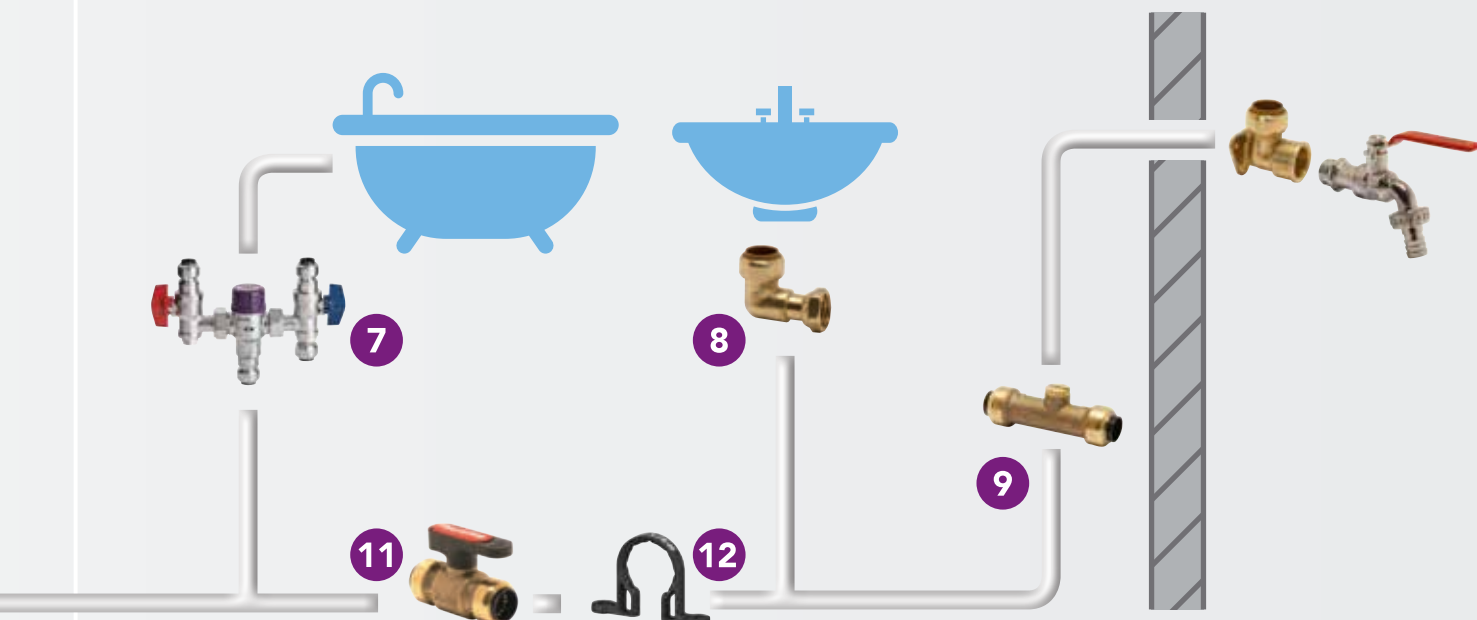
Plastic bending radius is 8x external diameter

TECTITE bending radius is **4x** external diameter

7. Thermal mixing valves (TMV's) provide protection for users, preventing scolds and thermal shock related accidents

8. From tees to tap connectors, the Tectite range includes all of the fittings you need to install a high quality system

9. Double check valves prevent back flows with in systems to avoid the risk of contamination from outside sources



10. The Tectite Classic fitting provides the performance and reliability only metal can, an array of features ensure you leave the job today knowing it won't cause you problems tomorrow

11. The Tectite system draws on over 100 years of Pegler Yorkshire experience, with a range of Metal Push-Fit valves designed for performance and longevity

12. Anti-rotational clips are available for use with selected Tectite valves, should you wish to secure the valve, preventing them from rotating the pipe work



TECTITE FITTING

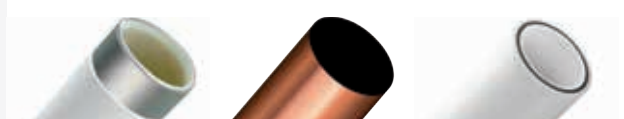
The Tectite fitting offers all the performance and integrity of metal, with the installation benefits of push-fit. Demountable, slim profile and compatible with all domestic tube materials, it's the only fitting you need to carry.

COMPATIBLE WITH:

TECTITE TUBE

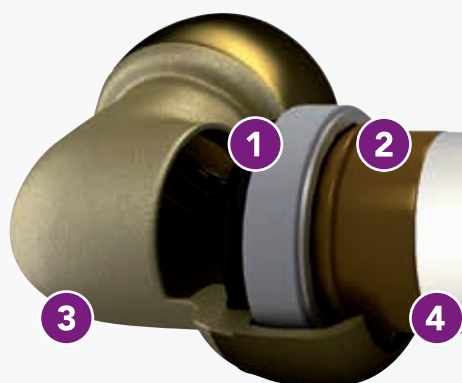
COPPER

PEX/PB



1. O RING - The pre-lubricated EPDM O Ring provides the water tight seal between the tube and fitting

2. GRAB RING - The high performance stainless steel Grab Ring provides a mechanical grip on a variety of Tube materials, the grip first design prevents full bore failure once engaged



TECTITE FLEXIBLE METAL TUBE --

3. METAL BODY - The DZR brass body provides a stiff, strong and reliable joint

4. DEMOUNTABLE - Tectite Classic fittings are fully demountable, enabling system alterations, servicing or repairs. The polymer collar should be depressed using the Tectite demounting clip or tongs



CUT

Cut the Tectite Tube with a hand tool. Use good quality cutters, ensure the blade is sharp and the cut is square. Make sure the tube is clean and free from damage.



CALIBRATE

Use the Tectite Calibrating Tools to provide a clean, square pipe end with chamfered edges. Calibration re-rounds the tube after cutting to prepare it for the TectSEAL and for push fit jointing.



INSERT

Push the TectSEAL 3PS into the tube until the flange meets the chamfered end. TectSEAL 3PS are pre-lubricated. Make sure all swarf is removed from the tube before fitting TectSEAL.



TECTITE TUBE & TECTISEAL™ 3PS

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Tectite Tube is manufactured with an integral aluminium layer providing unrivalled performance and a truly efficient installation. The metal element of the construction enables the pipe to retain the shape you manipulate it to, whether a 90° bend or a tight offset, Tectite Tube offer exceptional installation benefits. Combined with Tectite demountable brass fittings, the system is like nothing else on your merchant shelves.

5. ADHESIVE - The connecting layer binds the PE-Xc and Aluminium together resulting in a vast reduction in thermal expansion

6. INNER SEAL - EPDM seal angled in line with pipe insertion and pre-lubricated for ease of installation

7. OUTER SEAL - EPDM seal angled in line with fitting insertion and pre-lubricated for ease of installation



8. PE-Xc - Internal and external layers enable the tubes use on a variety of applications including potable water services, heating applications and low temperature services

9. ALUMINIUM LAYER - The Aluminium layer provides Tectite Tube with its unique physical characteristics and superior performance

10. LINER - Stiff and strong Fortron PPS material ensures you make a reliable joint every time

! ONLY SUITABLE FOR USE WITH TECTITE DEMOUNTABLE FITTINGS AND TectISEAL™ 3PS



MEASURE

Mark the insertion depth clearly on the tube. Using a line and a V aids visibility after insertion. Tectite Calibration tools and Tectite Debur, Mark and Scribe tools can also help with insertion depth marking.



CONNECT

Push the tube firmly into the fitting until the insertion depth mark reaches the demounting collar. Pushing with a twist will ease insertion.



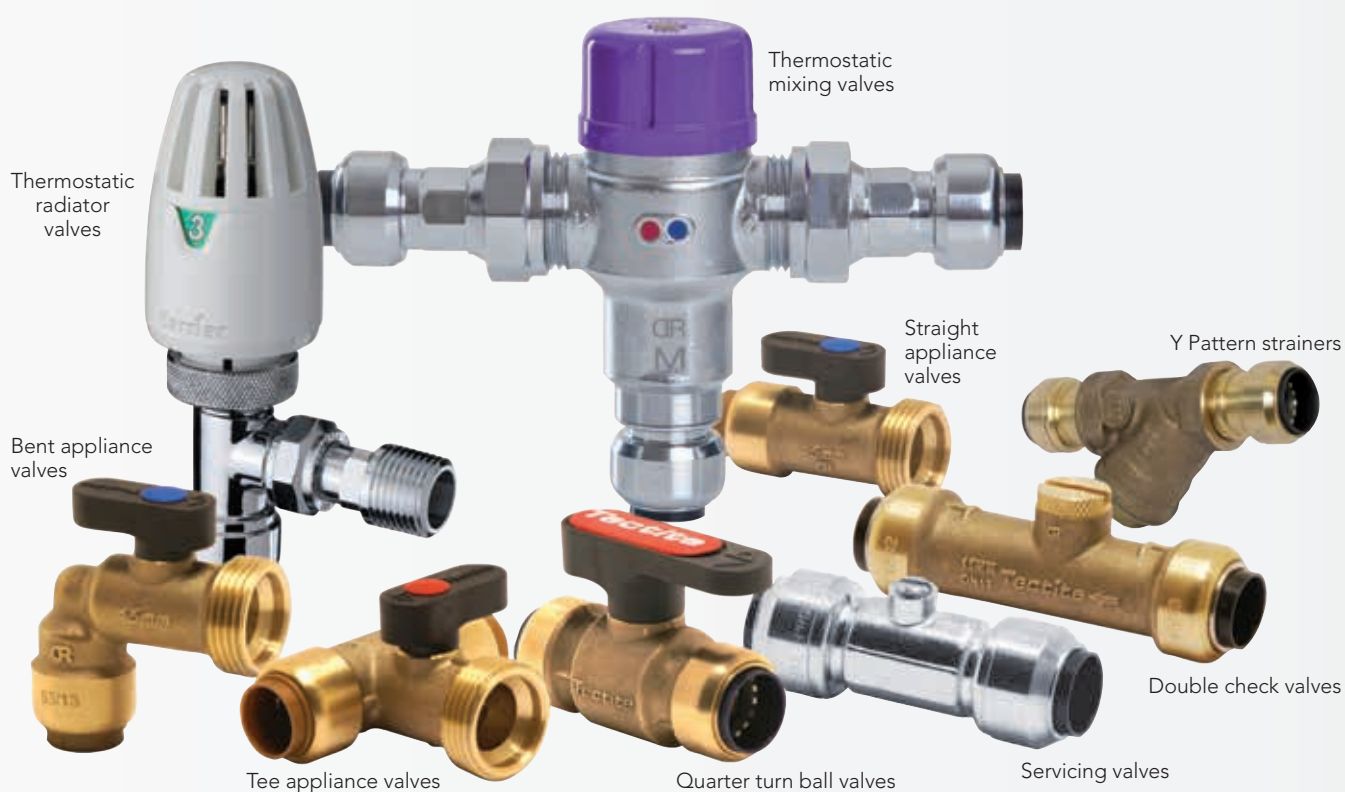
CHECK

Pull back on the pipe to check the joint is secure. Tectite fittings allow the tube to rotate after jointing.



OUR NEW EXTENDED RANGE OF VALVES

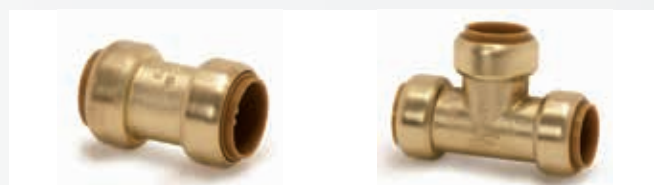
Pegler Yorkshire has in excess of 100 years' experience in plumbing manufacture and that expertise has informed the development of Tectite valves. Designed and manufactured for high performance and longevity coupled with the efficient installation you expect from Tectite.



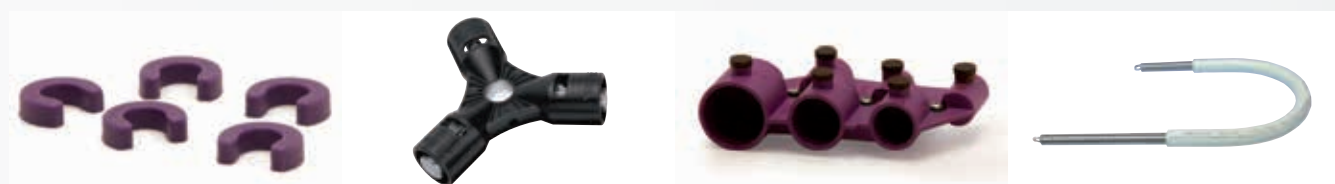
UNIQUE CHROME SYSTEM



EXTENSIVE FITTINGS RANGE



FULL COMPLIMENT OF TOOLS



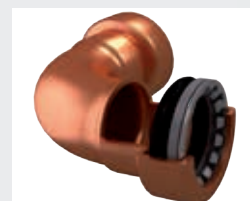


THE TECTITE FAMILY

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TECTITE SPRINT

A slim line, non-demountable copper fitting offering superb value and extremely high performance. Suitable for use with Copper, PB and PEX and soon to be available in sizes up to 54mm.



TECTITE

Fully demountable DZR brass fitting offering 95°C maximum temperature and operating pressures up to 16bar in sizes from 10mm to 28mm. This fitting is compatible with every domestic tube material on the market, including Tectite Flexible Metal Tube. You really don't need to carry anything else.



TECTITE PRO

Fully demountable DZR brass fitting compatible with everything from Stainless Steel to PEX. Offering electrical continuity as part of a metal system and sizes up to 54mm. Operating pressures of 20bar and a maximum temperature of 114°C ensure this range can handle even the toughest commercial specifications.



TECTITE CARBON

The perfect solution for sealed heating systems where budget and efficient installation are primary drivers. Electrical continuity, tamper proof design and low scrap value make this range the ideal choice for social housing projects. Available in sizes up to 54mm and tube lengths up to 6m.



TECTITE 316

Manufactured from Stainless Steel and offering all the features of Tectite Pro, 316 offers a Metal Push-Fit solution for applications where water hygiene is the primary concern.



PEGLER YORKSHIRE

The Tectite range draws heavily on Pegler Yorkshire's extensive experience in the plumbing industry. The 100 year heritage of both Pegler and Yorkshire Fittings can be seen in the quality and performance inherent to all Tectite fittings, tube and valves.

Pegler Yorkshire is well known and respected as one of the leading manufacturers of advanced plumbing, heating and engineering solutions. It's a reputation earned through a dedication to quality, innovation and customer service that's been the hallmark of the company since it was established in the 1890's (originally trading as Pegler Ltd and Yorkshire Fittings Ltd).

Pegler Yorkshire's success has been derived from our commitment to a philosophy based on quality, service, investment, and innovation. This successful recipe has produced Pegler Yorkshire's current product portfolio including Tectite that continues to go from strength to strength with product development playing a vital role in company strategy and reflecting the markets changing needs.



Pegler Yorkshire

Follow us on



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