

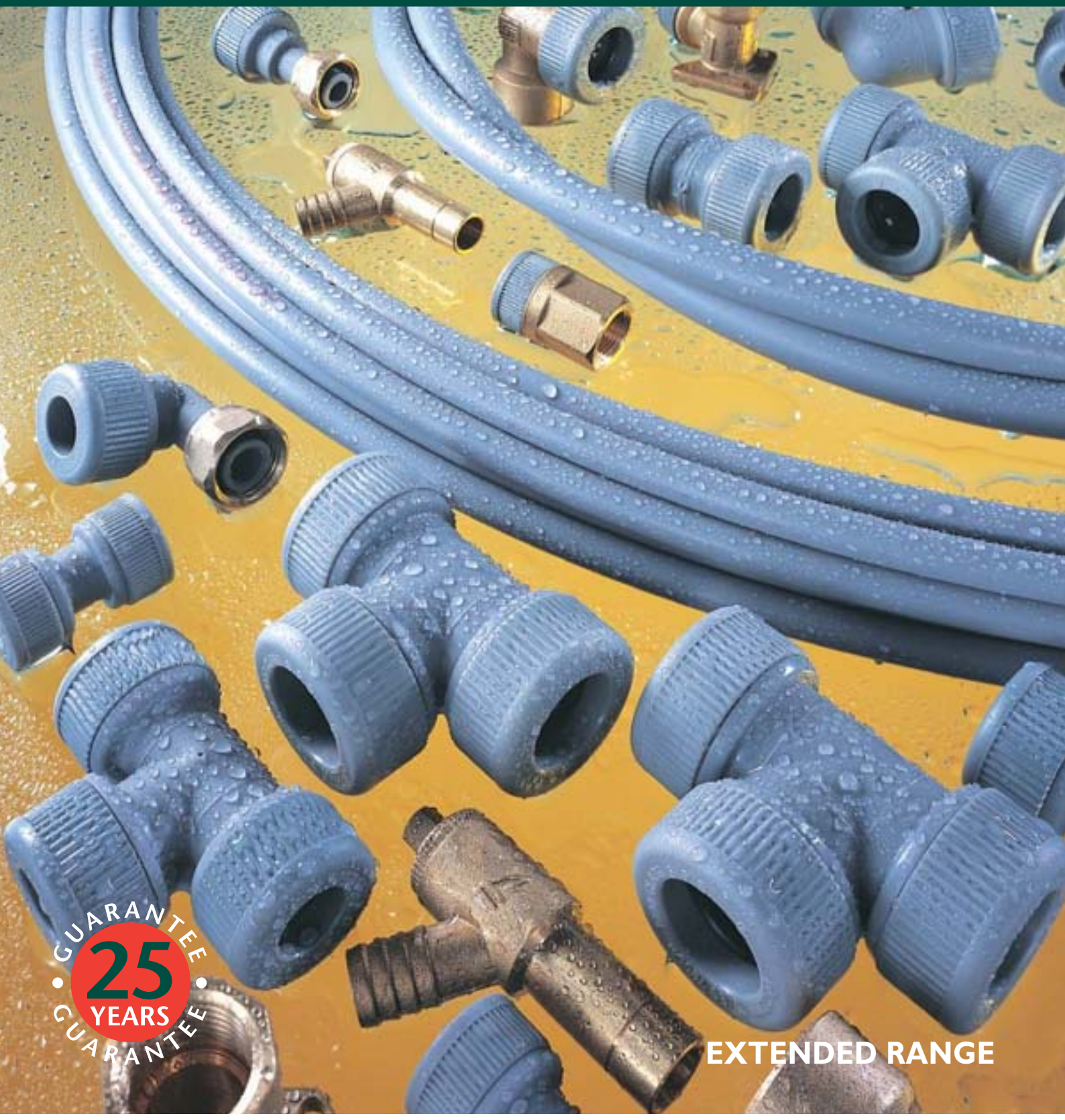
PF001
MAY 2007



plumbfit

polybutylene piping system

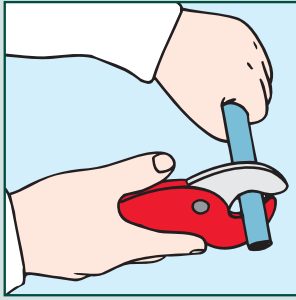
The totally flexible plumbing system



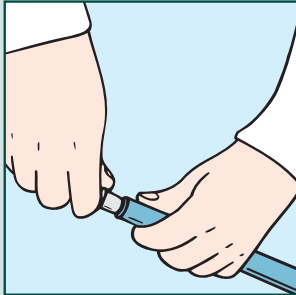
• GUARANTEE •
25
YEARS
• GUARANTEE •

EXTENDED RANGE

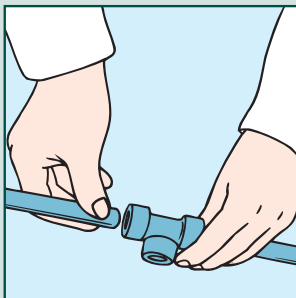
Simple Jointing Procedure



- Using Plumbfit approved pipe cutters only, rotate the pipe slightly to ensure a clean square cut.
- Insertion depth markings on pipe ensure accurate cutting and jointing.



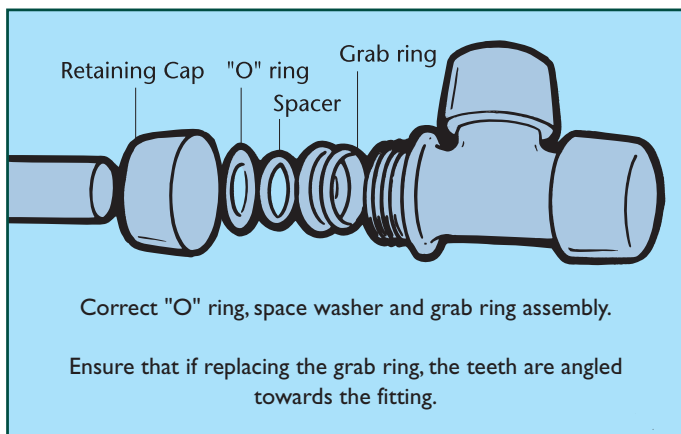
- Cut pipe to length at the next insertion depth marker.
- Pipe insert **must** then be inserted into pipe end.
- Lubricate the end of the pipe.
- Hold pipe and fitting horizontally and push firmly together.



- Ensure both the 'O' ring and grab ring are fully engaged.
- Pull sharply to ensure joint is complete.

Lubricants

Brett Martin strongly recommend the use of lubricants to ease jointing and reduce installation time.



Installation

The Plumbfit system should be designed and installed in accordance with BS 5955:Part 8 1990 – Specification for the installation of thermoplastics pipes and associated fittings for use in domestic hot and cold water services and heating systems.

Protection

As the walls will expand and contract under certain pressures, polybutylene offers increased resistance to the effects of freezing. However, it is sensible to insulate the system where the possibility of freezing exists, to ensure the system operates efficiently. Where the pipework is installed underground, externally or in public areas, relevant ducting offering suitable protection and insulation should be used to help prevent accidental or malicious damage.

Boiler Connection

Polybutylene pipework should not be connected directly to a boiler or circulator, unless a high limit thermostat and a pump overrun facility is incorporated. If not, a minimum of 350mm of copper tube must be used to make such a connection or a minimum 1000mm of copper tube for a solid fuel boiler connection.

Testing

As previously described, pulling sharply on the pipe and fitting will determine a properly made joint. However, pressure tests should always be completed, immediately after the system has been installed, to identify any improperly made joints. During the test procedure each joint should carefully be checked for leakage. The system must be completely full of water and tested to a pressure and temperature recommended by the manufacturer of the boiler, pump etc used, in both hot and cold conditions. Reference should be made to BS 7593:1992 "Code of practice for the treatment of water in domestic hot water central heating systems".

Guarantee

The Plumbfit range is guaranteed for 25 years against defects in materials and manufacture. This will only apply if the system has been installed, maintained and used correctly as described in the Company's literature and in the relevant British Standard Codes of Practice and extends to the provision of free replacement of the affected items, identified to be defective by the Company and applies to installations in the UK only. This guarantee does not affect the statutory rights of the customer. Any other claims for damage or loss either direct, or indirect or consequential whatever the cause thereof are excluded from this guarantee.

Storage

Ideally, Plumbfit should be stored internally in cool dry conditions and out of direct sunlight.

Dismantling A Fitting

Should a fitting need to be dismantled, unscrew the retaining cap, pull the pipe from the fitting and separate the space washer and 'O' Ring from the grab ring. Using pliers flatten the teeth of the grab ring and discard. Incorporating a new grab ring, reassemble the fitting as shown in the diagram opposite. Ensure that the grab ring teeth are angled towards the fitting, and lubricate the 'O' ring.

Restrictions

The Plumbfit system is designed for hot and cold water services and domestic central heating installations and should not be used in other situations. Plumbfit must not be used to convey gas, oil or compressed air.

Sealing Compounds

Intumescent penetration or oil based thread sealing compounds or solder flux should not be allowed to come into contact with polybutylene pipework. Threaded joints should be made using PTFE on the thread in the normal way.



Brett Martin reserves the right to make changes to product design and policy without prior notice.

The totally flexible plumbing system

Plumbfit is the new, totally flexible plumbing system from Brett Martin. The result of considerable investment in research and development, Plumbfit is tailor-made for the professional plumbing and heating installer who wants a high quality system that is simple to fit, durable in use, yet competitively priced.



High level of specification

Manufactured in accordance with the highest European quality standards, including BS EN ISO 9001:2000, the Plumbfit system conforms to BS7291 Parts 1 and 2. Accordingly the system holds the British Standard Institute Kite Mark and passed the standard with a classification 'S', being the highest pass level available.

Comprehensive range









The system offers a comprehensive choice of pipe and fittings in 10mm, 15mm and 22mm, suitable for all hot and cold plumbing and central heating systems. A 28mm system will be introduced during 2001. It can be used in both sealed and open vented systems and has been designed to withstand constant pressure at high temperatures. Plumbfit's combination of low thermal conductivity and high corrosion resistance makes it ideal for use in central heating systems.

Easy to handle and fit

The Plumbfit system offers the installer major advantages. The flexible nature of the pipe allows a 'cabling' option, which speeds up pipework routing significantly. It will also 'cable' through joists easily, thus dispensing with the time consuming task of pipe bending and joint compressing in confined areas. Plumbfit piping is so flexible that it can be bent to 12 times its diameter without the need for a joint. Moreover, when you unravel a coil, the piping will straighten and lay flat immediately. Few tools are needed to complete even the most complex pipework systems. Joints are push-fit for simplicity and speed of installation. Nothing could be simpler, cleaner or safer. Brett Martin strongly recommend the use of lubricants, which reduce installation time and ensure a perfect joint, first time, every time.

Using Plumbfit with other pipes and fitting

The Plumbfit system is extremely versatile and can be used with all metric size copper pipe manufactured to BS2874 and compression fittings manufactured to BS864.

-  Comprehensive range of pipe and fittings in 10mm, 15mm and 22mm (28mm to follow)
-  Fast simple installation with 'cabling' option and push-fit jointing - cuts time and costs dramatically
-  Piping straightens immediately when uncoiled
-  Highly specified, carries the British Standard Kite Mark BS7291 Parts 1 and 2 to Class 'S' (the highest pass level available)
-  Extremely durable in use - corrosion and impact resistant
-  Can be used in both hard and soft water areas
-  Pipe and fittings can be painted in non-cellulose paint
-  25 year guarantee



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