

Push-fit connections

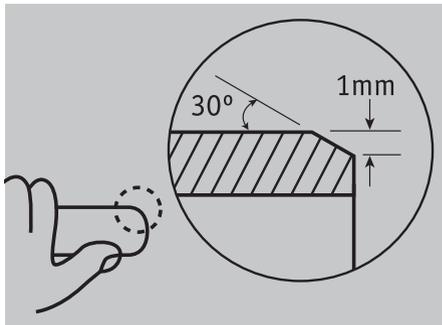


For joints 15 to 54mm

1. Always cut the tube square, using a rotary tube cutter whenever possible.

If you are using PEX or PB pipe cut the pipe using pipe shears. When using plastic coated carbon steel tube remove the coating using the S115 stripping tool.

Deburr the tube end, both internally and externally to create a 1mm chamfer on the outside of the tube.



Check the tube ends are free from damage and clean, wiping away any swarf to avoid damaging the 'O' ring on tube insertion. Tube end must also be free from stickers, tape and adhesive residues.

When using PEX or PB you must always use a support liner ensuring it is the correct liner as specified by the pipe manufacturer. If the pipe has been used on previous installations you will need to cut it back to behind the teeth or score marks.

Mark the socket depth with a marker.

FITTING SOCKET DEPTHS FOR TECTITE

Size	Sprint & Advance*	Copper/Stainless/ Carbon
10mm	15mm	23mm
15mm	18mm	23mm
18mm	-	23mm
22mm	19mm	27mm
28mm	20mm	31mm
35mm	31mm*	57mm
42mm	32mm*	62mm
54mm	37mm*	68mm

For chrome plated copper tube you must scribe the tube using the correct Tectite Scribing tool.

Select the correct type and size of fitting for pipework.

Push-fit solutions

The fitting should be kept in its bag until point of use to protect the 'O' ring.

2. Inspect the fitting ensuring that the grab rings/'O' rings have not been contaminated with grit or debris. Insert the pipe into the mouth of the fitting to rest against the grab ring.

3. Push the tube firmly with a slight twisting action until it reaches the tube stop.

4. Ensure the depth insertion mark corresponds with the mouth of the fitting and then pull firmly on the tube to ensure the fitting is secure.

35mm to 54mm sizes

The first thing to consider when it comes to installation of 35mm to 54mm fittings is whether you plan to demount any fittings in the system on a regular basis. If you do, then we recommend you replace the standard end cap with the appropriately sized TDX demounting end cap.

To ensure the fittings stay clean and the 'O' ring is protected from damage, never remove the fitting from its packaging until immediately prior to installation.

5. Insert the tube through the end cap to rest against the grab ring.

6. Now push the tube firmly with a slight twisting action until it reaches the tube stop.

7. Ensure the depth insertion mark corresponds with the mouth of the fitting, then pull firmly on the tube to ensure that the fitting is secure.

NOTE: We recommend all systems are thoroughly pressure tested to 1.5 times working pressure before the hand-over to the customer.

For full installation details refer to Tectite data book.