

- **Tectite fittings**

Tectite fittings are precision made from DZR Brass (an alloy of copper and zinc - created to resist to corrosion), gunmetal, A-Metal or stainless steel. Fittings are push-fit, and are ideal for the fast, effective jointing of either plain or chrome copper tube to BS EN 1057 or PEX and PB plastic pipe. Tectite fittings can be ordered in sizes from 10mm to 28mm.

- **Tectite performance when correctly assembled with PEX-barrier pipe**

<u>Outside diameter</u>	<u>Temperature not Exceeding</u>	<u>Working pressures</u>
10mm – 28mm	-20°C	12 Bar
10mm – 28mm	20°C	12 Bar
10mm – 28mm	65°C	6 Bar
10mm – 28mm	92°C	3 Bar

- **Safe working temperatures and pressures of system**

The tectite push-fit fittings and Qual-PEX pipe when installed as an assembly meet the requirements for Class 5 service conditions specified in table 1 of ISO EN 15875-1:2003 for a service life of 50 years. These conditions include operating temperatures of 60°C for 25years operation, 80°C for 10years and 100°C for 100 hours at a working pressure of 4 Bar. The pipe is also suitable for cold water services for a period of 50years at a temperature of 20°C and an operating pressure of 10 Bar. There is an adequate safety factor to ensure that damage to the pipe will not occur in the event of boiler thermostat or other control failure.

- **Can Tectite fittings be buried direct in concrete.**

No - heating and any other pipework installation that is subject to thermal movement must be located in purpose made ducts surrounded by a loose, non-rigid material such as vermiculite or glass wool. This material should be covered with an impermeable membrane before applying the screed. Failure to adhere to this code of practice can lead to premature failure of the joints.