

Tectite ***SPRINT***

Accelerated Push-fit Technology



Tectite SPRINT

Push-fit jointing in an instant

Tectite Sprint is a range of heat-free metal push-fit fittings, designed for use on hot and cold water services, heating and chilled water applications and low temperature hot water services.



- **Manufactured from copper and DZR brass, non-demountable for increased mechanical strength**
- **Compatible with copper tube and PB and PEX pipe**
- **Low profile, compact design providing electrical continuity**
- **WRAS approved, with a 30 year System guarantee**
- **No fiddly components or complicated assemblies**

Working temperatures and pressures

Tectite Sprint fittings perform to the following service temperatures and pressures.

Size	Service Temperature			
	Min -24°C	30°C	65°C	Max 114°C
10mm – 28mm	20 bar	20 bar	16 bar	10 bar

Tectite Sprint performance when correctly assembled with Tectite-PEX and other PEX and PB pipe to BS 7291 Parts 2 and 3

Size	Service Temperature			
	Min -20°C	20°C	65°C	Max 92°C
10mm – 28mm	12 bar	12 bar	6 bar	3 bar

Tube compatibility

For ultimate versatility, Tectite Sprint fittings are compatible with:

- Plain and chrome plated (scribed) copper tube to BS EN 1057.
- Tectite-PEX pipe & other PEX pipe to BS 7291: Part 3.
- PB pipe to BS 7291: Part 2.



Guarantees

Tectite Sprint fittings are guaranteed for 25 years against manufacturing defects. When used in a System exclusively with Yorkex copper tube from Yorkshire Copper Tube Ltd, or with Tectite-PEX, a guarantee of 30 years applies. To qualify for these guarantees, products must be installed in accordance with our instructions on specified applications.

Preparation instructions

To ensure Tectite Sprint fittings stay clean and free from damage, only remove the fitting from its packaging immediately prior to installation.

Preliminaries

1. Select the right size of tube or pipe and fitting. Ensure both are clean and free from damage, scores and imperfections. Do not use any additional lubricant or sealing compounds.



For copper tube, cut the tube square using a rotary tube cutter wherever possible, and for plastic pipe use pipe shears. Ensure the tube end is round, cut square, deburred and chamfered.



2. Remove any burrs or sharp edges from the external tube end using a T115 Multipurpose tool from the Tectite accessories range. Also ensure the internal bore is deburred and the tube is wiped clean and free of debris.



3a. Where using Tectite-PEX barrier pipe that has been used on a previous installation, cut the tube back to behind the teeth marks, ensuring

there are no score marks on the pipe. Insert the correctly sized T66 pipe support liner from the Tectite accessories range fully into the pipe.

3b. If 10mm R220 annealed copper tube is being used, ensure a T67 support liner is fully inserted into the tube.



4. Mark the socket depth using a marker/pencil and the T115 Multipurpose tool or with a ruler to the correct depth (see table below).

Tectite Sprint fitting socket depths 10mm to 28mm

Size	Socket depth
10mm	15mm
15mm	16mm
22mm	18mm
28mm	20mm



5. When using chrome plated copper tube you must scribe the tube using the T115 tool. Fully insert tube into the T115 and rotate twice whilst firmly pressing the button; check that the tube has been scribed.

Installation instructions



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



2. Push the tube/pipe firmly with a slight twisting action until it reaches the tube stop with a positive "click".



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

NOTE: Tectite Sprint fittings must not be used with male ended fittings or valves from other Tectite ranges (Except T526S).

Other third party male-ended products should not be used with Tectite Sprint.

Do not use Tectite Sprint on gas services

Tectite System PEX Pipe

TP520 – Barrier pipe Straight lengths

SIZE	MTR	CODE
15mm	3m	60029
15mm	6m	60030
22mm	3m	60037
22mm	6m	60038
28mm	3m	60041
28mm	6m	60042

TP525 – Barrier pipe Coil

SIZE	MTR	CODE
12mm	50m	60020
12mm	100m	60021
15mm	25m	60024
15mm	50m	60025
15mm	100m	60026
22mm	25m	60033
22mm	50m	60034

Tectite Sprint push-fit fittings

TT1 Straight coupling



SIZE	BOX QTY	CODE
10mm	10	75500
15mm	10	75501
22mm	5	75502
28mm	5	75503

TT1R Reducing coupling



SIZE	BOX QTY	CODE
15 x 10mm	10	75504
22 x 15mm	5	75505

TT2 Straight female connector



SIZE	BOX QTY	CODE
15mm x 1/2"	10	75510
22mm x 3/4"	5	75511

TT3 Straight male connector



SIZE	BOX QTY	CODE
15mm x 1/2"	10	75515
22mm x 3/4"	5	75516
28mm x 1"	2	75518

TT5 Tank connector



SIZE	BOX QTY	CODE
15mm x 1/2"	5	75520
22mm x 3/4"	5	75521

TT6 Reducer



SIZE	BOX QTY	CODE
15 x 10mm	10	75523
22 x 15mm	5	75525

Tectite Sprint push-fit fittings (contd)

TT6 – Reducer (contd)

SIZE	BOX QTY	CODE
28 x 15mm	5	75526
28 x 22mm	5	75527

TT12 Elbow



SIZE	BOX QTY	CODE
10mm	10	75530
15mm	10	75531
22mm	5	75532
28mm	5	75533

TT12S Street elbow



SIZE	BOX QTY	CODE
10mm	10	75535
10 x 15mm	10	75536
15mm	10	75537
22mm	5	75538

TT13 Male elbow



SIZE	BOX QTY	CODE
15mm x 1/2"	10	75540

TT14 Female elbow



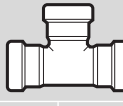
SIZE	BOX QTY	CODE
15mm x 1/2"	5	75545

TT15 Backplate elbow



SIZE	BOX QTY	CODE
15mm x 1/2"	5	75550

TT24 Equal tee



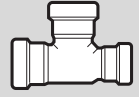
SIZE	BOX QTY	CODE
10mm	10	75555
15mm	10	75556
22mm	5	75557
28mm	2	75558

TT25 Tee, reduced branch



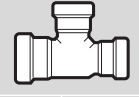
SIZE	BOX QTY	CODE
15 x 15 x 10mm	10	75565
22 x 22 x 10mm	5	75566
22 x 22 x 15mm	5	75567
28 x 28 x 15mm	2	75568
28 x 28 x 22mm	2	75569

TT26 Tee, one end reduced



SIZE	BOX QTY	CODE
22 x 15 x 22mm	5	75573
28 x 15 x 28mm	2	75574
28 x 22 x 28mm	2	75575

TT26 Tee, one end reduced



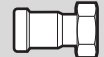
SIZE	BOX QTY	CODE
22 x 15 x 15mm	5	75582
28 x 22 x 22mm	2	75584

TT61 Stop end



SIZE	BOX QTY	CODE
10mm	10	75590
15mm	10	75591
22mm	5	75592
28mm	5	75593

TT62 Tap connector



SIZE	BOX QTY	CODE
10mm x 1/2"	10	75600
15mm x 1/2"	10	75601
22mm x 3/4"	5	75603

TT63 Bent tap connector



SIZE	BOX QTY	CODE
10mm x 1/2"	10	75604
15mm x 1/2"	10	75605

Accessories

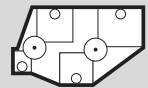
T66 – PEX liner

SIZE	BOX QTY	CODE
10mm	20	60100
15mm	50	60103
22mm	50	60105
28mm	20	60106

T67 – Copper liner

SIZE	BOX QTY	CODE
10mm	20	60144

T115 Multipurpose tool Deburring/Depth gauge/ Scribe



SIZE	BOX QTY	CODE
10mm to 28mm	1	75640

The perfect commercial partnership



For further information on Tectite, please contact your appropriate sales office

Head office sales

Tel: 0113 270 6945

0113 272 5380

Fax: 0113 270 5644

0113 272 5385

yorkshire.sales@pegleyorkshire.co.uk

Northern Ireland

Tel: 028 9070 6990

Fax: 028 9070 6999

Export

Tel: +44 (0) 1302 560 330

Fax: +44 (0) 1302 730 513

Yorkshire Fittings Limited, Haigh Park Road, Stourton, Leeds, West Yorkshire, LS10 1RT, England

Registered Company No. 00401507.

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www.pegleyorkshire.co.uk



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