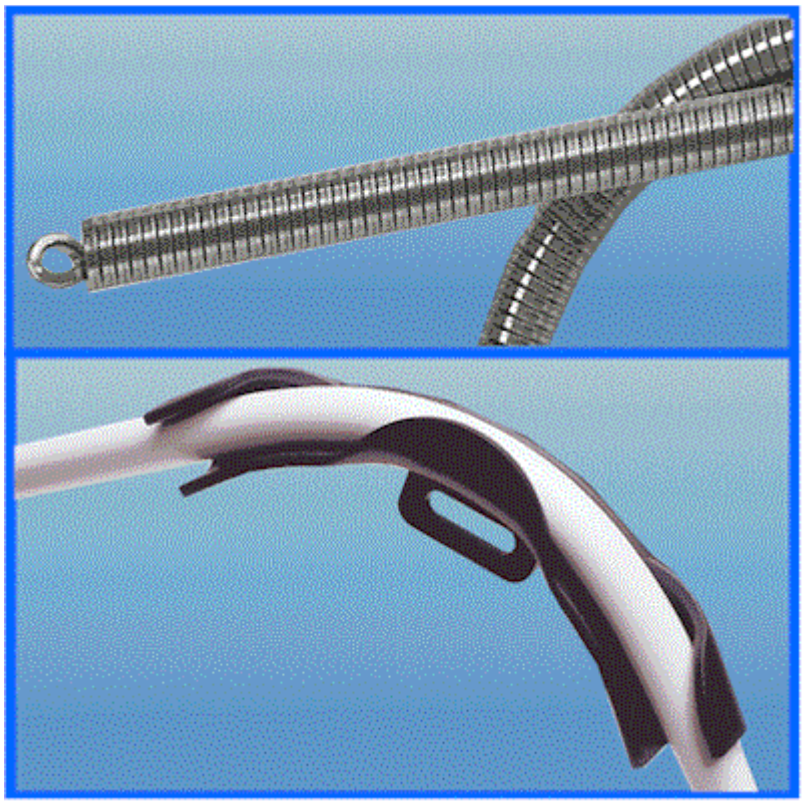
To connect 1/2" imperial copper pipe to metric 15mm, Speedfit Part No NC471 should be used.

Pipe Material			Supplementary bond required between	Comments
Cold water	Hot water	Central heating		
P	P	P	Earth terminals of protective conductors of class I and of class II equipment and accessible exposed conductive parts of the building structure.	Bonding of metal taps and metal radiators or metal baths is not required unless the bath is connected to the metallic building structure.
P	M	M	Hot water pipe, central heating pipes, earth terminals of protective conductors of class I and class II equipment and accessible exposed conductive parts of the building structure.	A bond is not required to the taps (either hot or cold) or to metal baths unless connected to the metallic building structure.
P	P	M	Central heating pipes, the earth terminals of protective conductors of class I and class II equipment and access to exposed conductive parts of the building structure.	Bonding of metal water taps is not required, nor metal baths unless connected to the metallic building structure.
M	M	M	All metal pipes, earth terminals of protective conductors of class I and class II equipment, and accessible exposed conductive parts of the building structure.	Metal pipes themselves can be used as bonding conductors if joints are metal to metal and electrically continuous.
M	M	P	All metal pipes, earth terminals of protective conductors of class I and class II equipment, and	Metal central heating radiator does not require bonding.

accessible exposed conductive parts of the building structure.

It is made up of 5 layers, the centre of which is a blue coloured oxygen barrier which prevents the ingress of air into the system, thereby reducing the effect of corrosion on metal components. Because of its low thermal conductivity, when carrying hot water, Speedfit pipe is cooler and therefore safer to touch. Relatively low heat loss through radiation means that a system retains its heat longer and delivers hot water more quickly and with less wastage than a metal system.

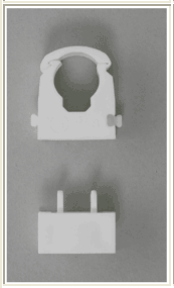
Pipe Diameter					
Straights	2m	-	15mm	22mm	-
	3m	-	15mm	22mm	28mm
	6m	-	15mm	22mm	28mm
Coils	25m	10mm	15mm	22mm	-
	50m	10mm	15mm	22mm	-
	100m	10mm	15mm	-	-
	120m	-	15mm	-	-
	150m	-	15mm	-	-



Internal Bending Springs are available in sizes from 10mm to 22mm. Refer to our Part Numbers beginning 'JG-BS'.

Tighter bends can be achieved by using the cold forming bends shown among the products on this site.

Min Radius	*Pipe Diameter*			
	10mm	15mm	22mm	28mm
with Cold Forming Bends	30mm	75mm	110mm	-
with Clips	100mm	175mm	225mm	300mm

	Firstly, a nail clip is used for fixing to timber when running concealed pipework (i.e. under floor or in a roof space). This clip takes less time to fit and is compact which allows pipework to be fixed close together when space is at a premium.
	The second type uses a screw and, therefore, takes a little longer to fix. When pipes are required to cross over, uit is possible to add a spacer to the clip. This will give room between the pipe and the wall to allow the pipes to cross over. If pipework needs to be insulated, using the spacer will give room for the lagging to be applied.

Pipe Diameter	*Clip Spacing*	
	Horizontal Run	*Vertical Run*
10 - 15mm	300mm	500mm
22mm	500mm	800mm
28mm	800mm	1,000mm

Pipe size	Max Capacity KW	Max Flow litres/sec	Headloss m/m pipe
10mm	1.948	0.042	0.283
15mm	5.941	0.129	0.319
22mm	13.604	0.295	0.084
28mm	21.991	0.478	0.062

Speedfit Conduit Pipe is supplied in either 15mm or 22mm (internal diameter) sizes. The flexible convoluted pipe has an outside diameter of 24mm and 30mm. Coils of either 25m or 50m length are available.

This testing, combined with other relevant checks, should reveal most system problems. Any components within the system not designed to take these pressures should be disconnected.

Before carrying out a pressure test ensure all Speedfit pipe and fittings are installed correctly. Speedfit Barrier Pipe is printed with insertion marks to help ensure full insertion has been achieved.