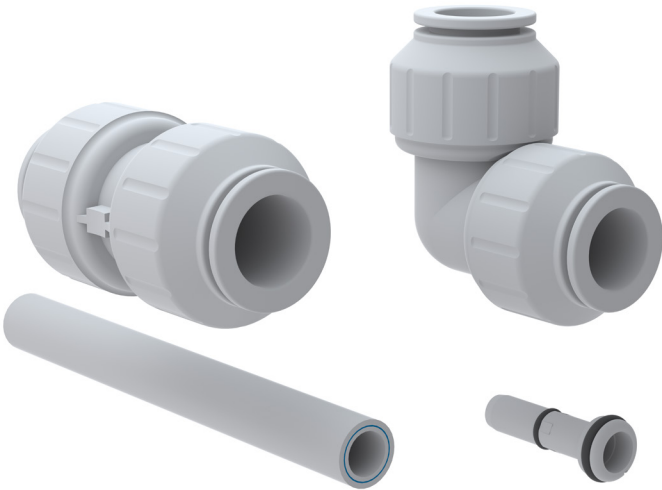


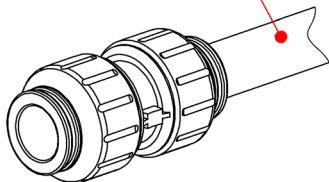
Zehnder RHC

CON-CCE-Push-PLS-White

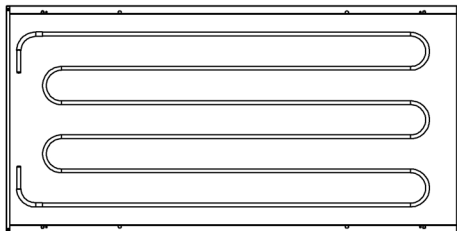




Inner tube material:
Crosslinked polyethylen



DN12: max. 90°C / max. 7 bar
DN15: max. 95°C / max. 6 bar



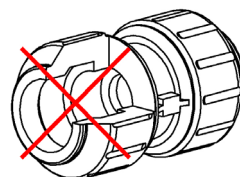
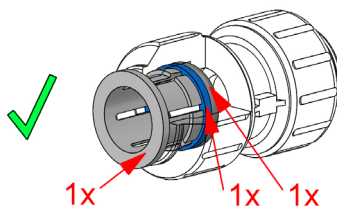
CBL smooth: max. 83°C / max. 6 bar
CBL perforated: max. 50°C / max. 6 bar
ALL smooth/perforated: max. 83°C / max. 6 bar
PAM smooth/perforated: max. 50°C / max. 6 bar



- H₂O
- Glycol use allowed
Max concentration
Glycol/H₂O = 40%



~~Oil~~



1.1

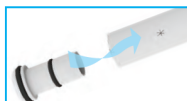
MAKING A GOOD CONNECTION

PREPARE THE PIPE

Fittings and pipe should be kept clean bagged and undamaged before use.



Ensure the pipe is free of score marks. Cut the pipe square. When using Speedfit Barrier Pipe cut along an insertion mark. We recommend the use of JG Pipe Cutters.



To prevent damage to the 'O' ring remove all burrs and sharp edges. When connecting Speedfit Pipe use a Superseal Pipe Insert or a Standard Speedfit Pipe Insert. A twisting motion will aid insertion. The insert should only be used with Speedfit Pipe.

1.2

WHAT NOT TO DO



Don't use hacksaws to cut the pipe or leave burrs on the end of the pipe.



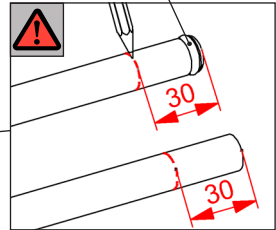
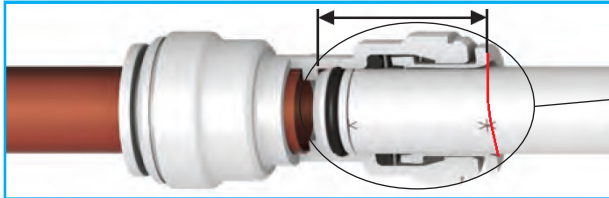
Don't use damaged or scored pipe. Score marks can cause leaks passed the 'O' Ring.

2

Mark the pipe with the appropriate insertion length

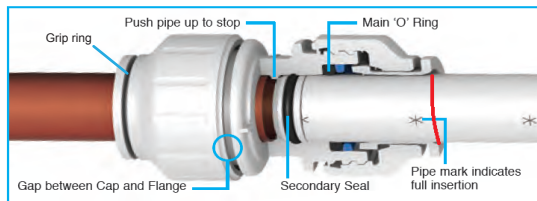
Size 12/15mm
Stop Distance 30mm

Pipe insert recommended
Higher pressure drop with pipe insert



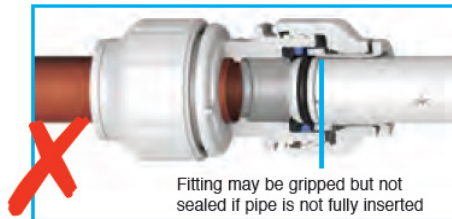
3

TWIST AND LOCK FITTINGS



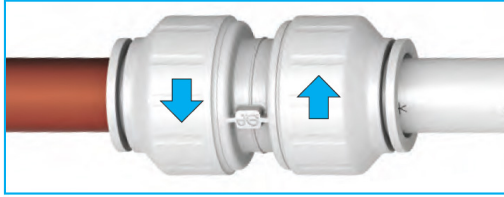
The fitting should be in the 'unlocked' position, this is shown with a small gap between the screwcap and the body flange.

Push the pipe fully into the fitting, up to the pipe stop. If the Speedfit Pipe has been cut correctly the insertion mark on the pipe will be level with the collet head. The 'O' ring on the Superseal Pipe Insert provides a secondary seal against the bore of the fitting. A good connection has been made.



4

ADDED BENEFIT OF TWIST AND LOCK



Twist the screwcap until it touches the body flange. This increases the 'O' ring seal around the pipe and locks the pipe into position.

5

Before system operation it is necessary to carry out leakage tests. Test pressure 1,3x operating pressure (Max. 7,8 bar).

1. Pressure test with air:

Pressurize with air and check for leakages or pressure losses.

2. Filling with water:

Fill the system with water and check again for leakages.



Before releasing the hoses it is necessary to carry out the following steps amongst others:

1. Depressurise the system / hydraulic lines
2. Make sure to have water absorbing textiles nearby
3. Proceed carefully with the following steps to ensure that no water is allowed to flow on the ceiling module. Use water absorbing textiles to avoid this.