

INSTALLATION INSTRUCTIONS – METRIC



1. Cut Pipe Square

There is no need to prepare the pipe end. Chamfering or lubrication is not required.



2. Ready to use position

The fitting is pre-assembled and ready to use, however always ensure the nut is backed off with 3 threads showing to allow pipe to pass freely.



3. Pipe insertion

Gently insert the pipe until the first point of resistance is felt.*



4. Nut tightening

The nut should be tightened by hand and then firmly with a wrench. Tighten the nut all the way to the flange on the body of the fitting.



5. Fully installed

The fitting is fully installed when the nut butts against the flange of the body.



6. Disassembly

To disassemble the fitting, simply loosen the nut using a wrench until 3 threads are showing. Pipe will be released and can be pulled out of the fitting.

* **Slip Couplings** – To ensure adequate insertion depth, witness mark the pipes to the flange on the fitting. Then insert the pipe to the correct depth.

INSTALLATION INSTRUCTIONS – POLY TO COPPER (ASI432)



1. Cut Pipe Square
Cut pipe square. Ensure the pipe is free from sharp burrs. Chamfering or lubrication is not required.



2. Ready to use position
The fitting is pre-assembled and ready to use.



3. Pipe insertion
Insert the pipe and push it past the olive.



4. Nut tightening
The nut should be tightened firmly with a wrench.



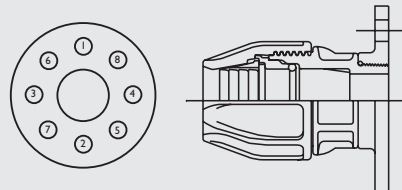
5. Fully installed
The fitting is now fully installed.



6. Disassembly
To disassemble the fitting, simply loosen the nut using a wrench. Pipe will be released and can be pulled out of the fitting.

* Suitable for copper pipe ASI432

FIGURE 1



Note

1. Always ensure Philmac fittings are stored away from dusty areas to avoid dust settling on the lubricated seal.
2. Philmac recommends the use of PTFE tape on BSP threads to ensure a positive seal.
3. Philmac Metric includes ergonomically designed spanners for fittings from 20 to 110mm. While fittings of sizes 20 to 32mm can be comfortably installed by hand, these spanners offer a convenient alternative.
4. When assembling a flanged adaptor, position the gasket and loosely assemble the fitting. Tighten bolts gradually in sequence shown numerically in Fig 1, to ensure even compression around the flange. Ensure washers are used under bolt heads and nuts.