

Phone 0403845000

Joining

How to make a Hep2O[®] joint.



1. Use only purpose designed pipe cutters. Cut the pipe at one of the insertion marks. Ensure the pipe is free from burrs and scratches.



2. Insert a Hep2O[®] support sleeve into the pipe, remove all foreign matter from pipe end.



3. Push the pipe firmly into the fitting. A secure joint has been made when the end of the cap has reached the next insertion mark on the pipe.



4. Tug back on the pipe to ensure the grab wedge engages correctly.

Key Facts

- Hep2O[®] should always be installed in accordance with AS3500 National Plumbing Code.
- Hep2O[®] does not corrode or cause "blue water" in soft water areas or scale up in hard water areas.
- Hep2O[®] minimises water hammer and provides a quiet plumbing system.
- Hep2O[®] is manufactured to AS 2642 Parts 2 & 3 Polybutylene Pipe Systems.
- Hep2O[®] must be shielded or painted to protect from UV light when used externally for extended periods.
- Hep2O[®] is a full bore plumbing system complying with Table 1 of AS3500 Part 1.2.
- Hep2O[®] should not be used when exposed to petroleum solvents at any time.
- Hep2O[®] should not be used in continuously circulating hot water loops above 60°C without consultation.
- Hep2O[®] reduces the likelihood of burst pipes due to freezing. In areas where freezing may occur pipes should be insulated.

Pressure Temperature Rating

Temperature	20°C	40°C	60°C	70°C	80°C	95°C
PB Class 16 (kPa)	1600	1370	1050	880	740	490

Do

- Use only purpose designed cutters when cutting the pipe.
- Cut the pipe at the 'A' marks whenever possible.
- Mark the pipe if not possible to cut to a 'A'.
- When cutting rotate pipe whilst maintaining the pressure until the pipe is severed.
- Cut the pipe squarely.
- Ensure pipe is clean, free from burrs & surface damage.
- Always use a support sleeve into a Hep2O[®] pipe end.
- Push the pipe and fitting together firmly.

Don't

- Use a hacksaw to cut the pipe.
- Slacken the retaining cap prior to pipe insertion, this will not ease jointing.
- Knock fittings onto pipe.
- Undo retaining cap after pipe insertion.

Fitting Detachment

Reusing a demountable fitting



1. Unscrew the retaining cap and pull the pipe clear of the fitting.



2. Remove the 'O' ring and wedge support ring (if applicable) from the pipe.



3. Using the wedge removal tool, slide the BiTite[®] grab wedge from the pipe. Provided it is undamaged it can be re-used.



4. Re-assemble the fitting, inserting the 'O' ring, the wedge support ring (if applicable) and then the BiTite[®] grab wedge, with the flat face against the wedge support ring – replace the cap hand tight.

Connection to Copper

Hep2O is easy to connect to copper



1. Cut copper pipe using a wheel cutter.



2. Inspect ends to ensure free from burrs, swarf, scratches or dents.



3. Mark joint depth 25mm on copper pipe before jointing.



4. Push pipe firmly into fitting.



5. Tug back on the pipe to ensure grab wedge engages properly.

Blanking a Fitting

Blanking a fitting is easy with Hep2O

Installing a Blanking Peg

Remove the cap and BiTite[®] grab wedge from the fitting. Push the open end of the blanking peg into the 'O' ring. Replace the cap hand tight.



Removing the Blanking Peg


Remove the cap and blanking peg, re-insert the 'O' ring and wedge support ring (if applicable) - check the grab wedge is undamaged. Insert the grab wedge into the fitting with the flat face against the wedge support ring. Replace the cap hand tight.



Hep2o is available in 15, 15 marine, 18, 22 and 28mm

Phone or text 0403 845 000

Hep₂O[®] Product Selector




Pipe, Straight Coil		
18mm	25mtr Coil	PFP SC25.18
22mm	25mtr Coil	PFP SC25.22



End Reduced Tee	
22mm x 18mm x 22mm	PFP 12.22.18



Male Wall Elbow	
18mm x 1/2" BSP	PFP 99.18




Pipe, Straight Length		
18mm	2.5mtr Length	PFP L2.5.18
22mm	2.5mtr Length	PFP L2.5.22



Centre Reduced Tee	
22mm x 22mm x 18mm	PFP 13.22.18



Inline Tap Assembly	
300mm Centre	PFP 88.18




Straight Connector		
18mm x 18mm		PFP 1.18
22mm x 22mm		PFP 1.22




Branch End Reduced Tee	
22mm x 18mm x 18mm	PFP 14.22.18




Shower Assembly (No Risers)	
Bottom Entry, 150mm Ctr	PFP 85.18B



PB - Copper Connector		
18mm PB x 15mm Cu		PFP 3.18.15
22mm PB x 20mm Cu		PFP 3.22.20




Female Adaptor, Threaded	
18mm x 1/2" BSP	PFP 28.18
22mm x 3/4" BSP	PFP 28.22



Demounting Tool	
18mm	PFP 79.18
22mm	PFP 79.22



90° Elbow		
18mm x 18mm		PFP 5.18
22mm x 22mm		PFP P5.22



Male Adaptor, Threaded	
18mm x 1/2" BSP	PFP 29.18
22mm x 3/4" BSP	PFP 29.22



Blanking Peg	
18mm	PFP 44.18
22mm	PFP 44.22



Equal Tee		
18mm x 18mm x 18mm		PFP 10.18
22mm x 22mm x 22mm		PFP 10.22



Pipe Clip (Tek Screw)	
18mm	PFP 65.18
22mm	PFP 65.22

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Your Design Area

(Each grid is 1cm square for ease of scaling and determining fittings and pipes required.)

