

# Phone 0403845000

### **Jointing**

### How to make a Hep<sub>2</sub>O<sup>®</sup> 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 Hep<sub>2</sub>O® 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. Tugback on the pipe to ensure the grab wedge engages correctly.

# The plumbing system that can be installed with total confidence. Contact Hep2o.com.au.

### **Key Facts**

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

### Do

- Use only purpose designed cutters when cutting the pipe.
- Cut the pipe at the 'Amarks whenever possible.
- Mark the pipe if not possible to cut to a '\Lambda'.
- 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 Hep<sub>2</sub>O®
- · Push the pipe and fitting together firmly.



- · 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.

### 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  |

# 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

### Hep<sub>2</sub>O 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 Hep<sub>2</sub>O

### 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.



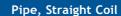


Hep2o is available in 15,15 marine, 18, 22 and 28mm

Phone or text 0403 845 000

# **Product Selector**





18mm 25mtr Coil PFP SC25.18 PFP SC25.22 22mm 25mtr Coil



### **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

**Straight Connector** 

18mm x 18mm

22mm x 22mm

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



### Branch End Reduced Tee

22mmx18mmx18mmPFP 14.22.18



### Shower Assembly (No Risers)

Bottom Entry,150mm Ctr PFP 85.18B

## **PB** - Copper Connector

PFP 1.18

PFP 1.22

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 PFP 79.22 22mm



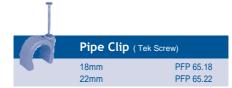
# Male Adaptor, Threaded

18mm x 1/2" BSP PFP 29.18 22mm x 3/4" BSP PFP 29.22



### **Blanking Peg**

18mm PFP 44.18 PFP 44 22 22mm





18mm x 18mm x 18mm PFP 10.18 22mm x 22mm x 22mm PFP 10.22

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