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Plug  
Peddler  
Quick Tip!

## Can you use water to inflate a pipe plug?

**Can you use water to inflate a pipe plug?** The quick answer is **Absolutely**. But before you fill a plug with water, consider using the alternative vacuum method. Use a vacuum pump or venturi pump (Max-Vac) and suck the air out of the plug.

### **Why would you want/need to fill a plug with water or vacuum the air completely out of the plug?**

Pushing a plug underneath water when it is filled with air pressure is almost impossible to do. A plug is like a big inflatable raft. Once the air is evacuated from the plug this will reduce the buoyancy and allow the plug to be pushed beneath the water and installed in a pipe/manhole that is filled with water. Filling a plug (or partially filling) with water will also reduce the buoyancy of the plug and allow the user to install it in a pipe/manhole that is filled with water. Once the plug is in the pipe, the user can inflate the plug to the recommended inflation pressure with air or water.

### **Can you fill the plug with both water and air?** The quick answer is **yes**.

Make sure that you inflate the plug to the recommended inflation pressure with the combination of water and or air. Remember water is not compressible so the plug will go from little or no pressure registering on the gauge to over inflated very quickly. Please use extra precaution when inflating the plug and do not exceed the required inflation pressure.

**How do I get the water out of the plug?** There are no easy answers here and the reason vacuuming the air out of the plug is a much better method. The water must be poured out of the same inflation port that you filled the plug through (1/4" or 1/2" port). This can take some time and the plug can be difficult to position in order to drain the water out of the plug. Trying to remove a plug that is still partially filled with water is not good for the plug and can damage the plug.

**Stay out of the Danger Zone:** Either with water or air, never inflate or deflate a pipe plug unless you are outside of the **Danger Zone**.

