

How To Install Water Heater Connectors

Female Threaded Ends

For use with water in accessible locations only. Use pipe joint compound or plumber's tape on the male threaded connections only. Hand tighten and turn 1/4 with wrench. Do not overtighten or expose to corrosive materials. Inspect every six months and replace if leaking or corroded. Do not reuse. Failure to follow instructions will possibly result in leaks and water damage.

Solder/Sweat Ends

Prepare the pipe before installation by removing any burrs or debris and making sure the pipe is dry. Clean the outside of the pipe as well. Apply a thin layer of lead-free soldering paste (flux) to the portion of the pipe that you cleaned. The paste should cover the depth of the connector end. Apply a thin layer of flux to the mating surface of the connector end. Insert the pipe into the connector. Use flame to heat the connector end. Touch the solder to the pipe to see if it melts. If it doesn't, pull the solder away for moment, then heat the connector end again. As soon as the solder melts, the pipe is ready for soldering. Wipe away the excess flux with a rag. After the pipe and fitting have cooled, turn on the water and check for leaks. If the joint leaks, take it apart and re-solder it. For use with water in accessible locations only. Hand tighten and turn 1/4 with wrench. Do not overtighten or expose to corrosive materials. Inspect every six months and replace if leaking or corroded. Do not reuse. Failure to follow instructions will possibly result in leaks and water damage.

Push-To-Connect Ends

Cut the tube that will be connected to the push end. Remove any burrs from the tube. Mark the insertion depth on the tube - 15/16 in. for 1/2 in. tube size; 1-1/8 in. for 3/4 in. tube size; 1-5/16 in. for 1 in. tube size. Insert the tube into the push end with a twisting motion to the depth mark. A tube liner is required for connection with PEX pipe. For use with water in accessible locations only. Do not expose to corrosive materials. Inspect every six months and replace if leaking or corroded. Failure to follow instructions will possibly result in leaks and water damage.

PEX-A Ends

Use a PEX tubing cutter and cut the PEX-A pipe at a 90° angle. Clear the cut end of any burrs or debris. Place an expansion sleeve on end of tubing. Insert tool head into tubing end and expand. Immediately remove tool and insert connector end into pipe to shoulder. Pipe may take up to two minutes to fully seal the connector end. For use with water in accessible locations only. Do not expose to corrosive materials. Inspect every six months and replace if leaking or corroded. Failure to follow instructions will possibly result in leaks and water damage.

PEX-B Ends

Squarely cut PEX-B pipe to desired length and remove burrs and debris. Slide crimp ring, pinch clamp or sleeve over end of pipe. Insert connector end into the pipe. Pro crimp rings, pro pinch clamps and stainless steel sleeves will stay on the end of the pipe. Position crimp rings or pinch clamps 1/8 in.-1/4 in. from the end of the pipe and over the fitting ribs closest to the end of the fitting. Fasten according to appropriate tool directions. For use with water in accessible locations only. Do not expose to corrosive materials. Inspect every six months and replace if leaking or corroded. Failure to follow instructions will possibly result in leaks and water damage.

Compression Ends

Prepare the pipe before installation by removing any burrs or debris. Clean the outside of the pipe as well. Slip on your retainer nut, then the sleeve and finally the fitting. Apply the pipe dope. Tighten the retainer nut ever so slightly, then hit the back of the fitting to ensure it's seated properly. Tighten fully but don't overtighten. For use with water in accessible locations only. Do not expose to corrosive materials. Inspect every six months and replace if leaking or corroded. Failure to follow instructions will possibly result in leaks and water damage.

Maintenance: Clean with water only. Keep flex dry and away from external heat or corrosive source. Do not expose to household cleaners or other corrosives. Inspect every 6 months. Replace immediately in the event of wear, corrosion, discoloration, visible damage, or leaks. Do not reuse this product if wear, corrosion, discoloration, visible damage, or leaks occurs.