
LEAP

WATERTITE



INSTALLATION INSTRUCTION

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PIPE CONNECTION USING PUSH-FIT FITTINGS



1. Measure and cut the pipe at one of the insertion marks. Mark the pipe manually if there are no insertion marks printed on the pipe. Ensure pipe end is square and free from burrs. An uneven or jagged cut may result in an improper connection. Use only purpose designed cutters.



2. The cut pipe must be reamed and beveled using an appropriate LEAP reamer to ensure a round and smooth pouring angle on the pipe end **both** on the inside and outside.

Please take extra care while reaming.



3. Select the required fitting and push the fitting fully into the pipe with a slight twisting action. A secure connection will be made when pipe reaches the end-stop or when end of fitting has reached the next insertion mark on the pipe.



4. Tug back on the pipe to ensure the grab-ring has engaged correctly.

PUSH FIT PIPE DISCONNECTION



1. Place the appropriate sized release tool around the pipe with the face positioned against the release collar on the fitting.



2. Push the clip against the release collar and simultaneously pull the pipe away from the fitting using a slight twisting action.



3. Ensure the pipe end is free of damage or scratch marks. If the pipe is damaged, the damaged end should be cut and a new pipe section be used to make a new connection.



4. After disconnection ensure the pipe end is free of damage or scratch marks. If the pipe is damaged, the damaged end should be cut and a new pipe section be used to make a new connection; following steps 2-4 above for pipe connection.

PIPE CONNECTION USING COMPRESSION SLEEVE FITTINGS



1. Cut pipe at right angle.



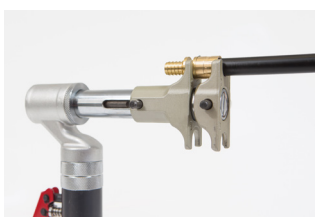
2. Slide on brass sleeve with chamfered end facing outwards. Expand pipe sufficiently using an expanding tool. Open expander and rotate pipe to make full expansion of pipe end.



3. Insert fitting into the expanded end of pipe.



4. Place the sleeve and fitting between the jaws of the compression tool. Slide the compression sleeve towards the fitting. Ensure the position of sleeve and fitting is square.



5. Close the jaws of the compression tool until the sleeve reaches the shoulder of the fitting.



6. Inspect the connection to ensure the sleeve is fully drawn up the shoulder of the fitting.

INSTALLATION INSTRUCTION

PIPE CONNECTION USING PRESS SLEEVE FITTINGS



1. Use only purpose designed pipe cutters. Measure and cut the pipe. Ensure pipe end is square and free from burrs. An uneven or jagged cut may result in an improper connection.



2. Cut pipe must be reamed and bevelled using an appropriate reamer to ensure a round and smooth pouring angle on pipe end.

Please take extra care while reaming.



3. Insert the fitting fully into the pipe making sure the pipe can be seen through all witness holes in the press sleeve.

NOTE – If an incorrect connection is made, the defective joint must be removed and replaced with a new fitting.



4. With a manual tool, close the handle bars fully until the pressing tongs are completely closed. Partial closing of the handle bars may result in an incomplete connection. Position the tool so the press sleeve is completely covered by the tool jaws. Keep the tool at a 90° angle to the fitting.



5. With a battery operated tool, hold down the inching switch until the pressing tongs are completely closed indicated by an acoustic signal.

Reminder: This same Procedure should be followed when making a pipe connection using Watertite multilayer (Pex-Al-Pex) pipes.

IMPORTANT:

- PEX- AL- PEX should be connected with either Watertite Push - Fit or Press Sleeve fittings only.
- Compression Sleeve fittings should NOT be used, to connect PEX - AL -PEX pipe.

FOR MORE INFORMATION ABOUT WATERTITE CALL

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