

F-1960 EXPANSION CONNECTIONS FOR PEX-A PIPE

American Society for Testing and Materials (ASTM) Standard Specification for Cold-Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing.

- F-1960 fittings can be made from various certified, listed and approved materials. See ASTM standard for acceptable brass alloys. Assure your fitting is made from a listed material.
- F-1960 compression rings are PEX.
- Compression is made by placing a compression ring onto tube, expanding PEX tube and ring. inserting a full flow fitting, and holding it in place until the tube / ring memory secures the connection.
- Handling requirements are included within the Fitting / Ring limitation Section.
- Fittings are reusable if barb is undamaged.



1. Cut tube at 90- degree. Do not crush OD of tubing with cutters. Hint: slightly rotate cutter during blade engagement.

2. Install PEX sleeve onto OD of tubing.

3. Using tube expander, expand sleeve fully. Repeat expansions, rotating expander 1/8-turn between expansions



4. Insert fitting into expanded tube and sleeve. Assure proper expansion so that fitting is touching tube and sleeve. Hold fitting in place until tube/sleeve memory constrict annularly around the fitting.

5. The installation is complete with a visibly secure connection. Remove defective connections. Test completed joint.

Note: To limit the amount of time in cold environments, expand the tube / sleeve slowly and only enough to fully insert the fitting. Keeping the sleeves warm will speed retraction and inhibit unequal expansion. Expansion tool cone should be kept greased to insure that it proper tool release from pex.