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PEX Pipe - Two Fittings

There are two common fitting systems used for PEX pipes today. These fitting systems are both mechanical fitting systems. One is called a Cold Expansion Compression Sleeve Fitting System and with this fitting we actually work with the flexibility of the PEX pipe and use a manual hand tool to expand the diameter of the pipe making it bigger. This allows us to use these oversize fittings inside the pipe. These fittings reduce pressure loss and it's a very strong fitting and easy to put together. The other common fitting system is called the Crimp Ring Fitting System and uses a barbed insert which is made of brass, copper, or polymer that goes inside the pipe and a deformable copper crimp ring that goes on the outside of the pipe. A manual hand tool is used to compress this copper crimp ring over the pipe when it's aligned with the barbs of the fitting insert.