

INSTALLATION GUIDELINES

- › Support horizontal PEX tubing runs every 32"
- › Support vertical PEX tubing runs every 48"
- › All drilled penetrations shall be ¼" larger diameter than pipe
- › For mason walls and metal studs use suitable grommets/sleeve that will protect the PEX from rubbing or wearing on the wall.
- › Use closed cell pipe insulation or similar suitable material for PEX that will be in poured concrete penetrations
- › Use a UL listed fire stop that is approved for PEX and by your local code official when penetrating a fire rated wall, floor or ceiling.
- › Use a bend support or a copper stub out when exiting a wall with a 90° bend
- › 100' of PEX will expand 1.1" for every 10°F of temperature rise. When installing a longer run than 20' horizontally or vertically, the use of an expansion loop is required. See example on page 24.
- › MrPEX recommends that cold water PEX runs be insulated in heated or humid areas, although it is not required, this will help prevent sweating.
- › MrPEX recommends that PEX runs be insulated when directly buried in the ground, although it is not required, this will discourage freezing and/or heat loss in the tubing.
- › Minimum bend radius is 4 times the pipe diameter
- › Use approved metal stud guards to protect tubing that is closer than 2" from surface where nails or screws may be used
- › Maintain a minimum distance of 12" away from any recessed light fixtures. See Installation Diagram section.
- › Maintain a minimum distance of 6" away from any gas burning appliance venting. See Installation Diagram section.
- › All connections to atmospheric vented appliances must be made with an 18" length of copper or approved flex connector prior to connecting with PEX. See Installation Diagram section.
- › PEX can be connected directly to power vented and direct vented gas burning appliances, also electric or tank less water heaters. See Installation Diagram section.
- › A kink can be fixed using warm air at temperatures above 270°F, but not to exceed 330°F, heating evenly until the tubing is transparent, allow cool off. See page 26 for instructions

INSTALLATION LIMITATIONS

- › Do not allow PEX tubing to freeze with water inside, especially in concrete as this will cause the concrete to crack and could potentially shorten the life of the PEX.
- › Do not solder within 18" of PEX that is connected to copper
- › Do not expose to open flame
- › Do not use any flammable gases (liquid or fluid) in PEX tubing
- › Do not use any cleaning agents on PEX tubing other than soapy water
- › Do not use as an electrical ground
- › Do not install in contaminated soils
- › Do not exceed pressure and/or temperature limits listed on the PEX tubing
- › Do not use glue on PEX
- › Do not use PEX if it has been compromised in any way, remove section and splice in a new piece with couplings