

# BEFORE YOU BEGIN

## ABOUT THIS GUIDE

The purpose of this guide is to assist the plumbing professional by providing specific information regarding the MrPEX® plumbing System. This installation guide is written with the understanding that a licensed plumber will be designing and installing all MrPEX System components and will help plan and perform a successful installation. This guide is derived from MrPEX® Systems information and a combination of sections from industry documents, codes and standards

## READ THIS PRIOR TO STARTING THE INSTALLATION

This guide constitutes the Manufacturer's Recommendations for the design and installation of MrPEX® plumbing systems, or the purpose of clarity in communicating concepts, this manual is conceptual in nature, and may, therefore, omit certain components that are not necessary in communicating the concept at issue, but may be necessary or essential in the actual installation. The designer must rely on his knowledge of plumbing systems, and the local administrative requirements to determine the suitability of any particular material or method described herein.

## STORAGE AND HANDLING

MrPEX® tubing coils are delivered in cardboard boxes, and straight lengths are delivered in plastic bags. Check boxes at delivery for any possible freight damage and report immediately. Store tubing indoors in original packaging, safe from, moisture, tampering and UV exposure.

## MRPEX® POTABLE PEX TUBING INFO

- › **Expansion:** The tubing has an expansion coefficient of 1.1" per 10°F per 100 feet.
- › **Bending:** The tubing can be exposed to a bending radius approximately 4 times the actual outside diameter without kinking.
- › **Uncoiling:** The tubing coil has an inside diameter exceeding 15 inches, so that memory-effect of its coiling is minimal. Un-roll the tubing from its coil without twisting the tubing, this will make the installation easier. Use a MrPEX® tube uncoiler to aid the installation.
- › **Markings and Ratings:** The tubing is marked with MrPEX®, size, SDR, pressure rating 100 psi at 180°F, ASTM standard reference, independent third party certifiers' mark, production date, and running ft. length—every three feet. The running ft. markings start from 0 at the inside of each coil so that the installer will always know how much tubing is left in each coil.
- › **Cutting:** The tubing needs to be cut using an appropriate tubing cutter, leaving a square clean cut, free from burrs.
- › **MrPEX POTABLE PEX-a** is currently offered in ½", ¾", and 1" in size. All sizes are available in straight lengths of 20' or coiled lengths of 100' through 300'. All sizes and lengths are offered in your choice of Red, Blue or White.

DIAMETER	COLOR	LENGTH	TYPE
1/2"	Red, Blue, White	100'	Coil
1/2"	Red, Blue, White	300'	Coil
1/2"	Red, Blue, White	500'	Coil
1/2"	Red, Blue, White	20'	Straight
3/4"	Red, Blue, White	100'	Coil
3/4"	Red, Blue, White	300'	Coil
3/4"	Red, Blue, White	20'	Straight
1"	Red, Blue, White	100'	Coil
1"	Red, Blue, White	300'	Coil
1"	Red, Blue, White	20'	Straight

With all the system components that are offered, you have the freedom to choose what kind of potable plumbing system is going to be installed. All systems offer pro's and con's, we are here to let you decide which one is best for your application.