

Plastic Water Service Line Material

Following City Council passage of an Ordinance , effective August 16, 1974, and in reference to City Ordinance Number 1040.15, plastic water service tubing may be used on the owner's water service between the curb stop and the meter for ¾", 1", 1-1/2" and 2" services.

Division of Water in no way guarantees the performances of the plastic water service tubing and the property owner shall be responsible for the maintenance any service line constructed of plastic water service tubing the same as if the service was constructed of plastic water service tubing the same as if the service was constructed of Type K soft copper of other approved material.

All plastic water service tubing shall meet the following specifications:

Plastic water service tubing shall be manufactured from high density CTS ***Polyethylene*** (PE 3408 C-3 SDR-9) in accordance with ASTM D-2739 or the latest revisions thereof (REV. January, 1998).

Tubing shall be marked with the manufacturer's brand name, pipe size, working pressure, material designation, National Sanitation Foundation approval, ASTM specification, and production code. Pipe shall be manufactured to Type K copper OD., and the dimensions and tolerances shall correspond with the values listed in U.S. Department of Commerce CS-255-63 for flexible plastic pipe.

Pipe shall have a working pressure of 200 PSI at 73 F and the pipe shall be capable of maintaining pressures of 300 PSI at 73 F for 1,000 hours. Pipe surfaces shall be smooth and free from irregularities. All materials must be completely homogeneous and uniform in appearance. All joints using plastic tubing shall be made by flaring the plastic tubing or the Mueller "Instan-tite" connection.

All suppliers shall, when requested by the City of Defiance, furnish a certification that the pipe furnished meets the above specification.

Pipe shall be buried at least 48" below finish grade to prevent freezing. A 14 AWG stranded copper tracing wire is recommended to be placed adjacent to the water service pipe for future line location. All service pipe shall be inspected and approved by the Building Inspection Division before a water meter will be installed. A Plumbing Permit will be necessary for the installation.

Use of **Plastic** water service pipe as an electrical **grounding** source **will be prohibited.**

Water Distribution crews may use plastic tubing for the portion of water services from the water main to the curb box.