



A. RECLAIMED WATER PIPE

Product Information

As the population grows, so does our need for water. Over the last few years the realization that our supply of good drinking water is limited has caused us to take a new approach on conserving our most precious resource.

States faced with expanding populations and rapid urban development are re-accessing how they use their limited water resources. One way they are conserving is by “reclaiming” water. Reclaimed water systems take the “gray” wastewater discharged from homes and industry and treat it so that it is safe for human contact, but not consumption. The reclaimed water is then returned in special reclaim water lines to the homes or industry to be used in non drinking water applications such as irrigation or process water.

The reclaimed water lines are installed just as a potable water distribution system would be but the pipe is color-coded lavender to designate reclaimed water instead of blue for potable water.

PE 3408 High Density Polyethylene Pipe made by Charter Plastics is the ideal choice for all your reclaimed water distribution and service lines. It provides:

- Outstanding Toughness and Durability
- Exceptional Environmental Stress Crack Resistance (ESCR)
- Good Slow Crack Growth Resistance
- Excellent Chemical Resistance
- Outstanding Flow Characteristics
- Extended Service Life

In addition, it is flexible, does not corrode and is fusible, for permanent leak free joints.

Charter Plastics features a selection color-coded polyethylene pipe products for reclaimed water installations including CTS, IPS and DIPS sizing.

From receipt of resin throughout manufacturing, Charter water pipe undergoes a regimented quality control process. The resin and pipe is tested and manufactured according to corresponding AWWA, ASTM and Charter Plastics own quality assurance procedures to insure the consistent production of quality pipe.

Charter pipe is indent printed every two feet with pertinent pipe identification information including pipe size, a material reference, pressure class, ASTM reference and a quality control code that references all production data associated with the pipe.

For long-term performance from your reclaimed water system, insist on Charter Plastics Polyethylene pipe.