



**CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
PVC WATER PIPE (16-INCH DIAMETER)**

USING DEPARTMENT: Water Utility **ISSUED:** 04/01/13 **REVIEWED:** 04/01/16 **REVISED:** 04/01/16

PREPARED BY: Robert Lamb, P.E. **CITY STOCK NUMBER:**

DESCRIPTION: Pipe, polyvinyl chloride (PVC), 16" nominal diameter w/ductile iron pipe size O.D. and Reiber-type steel-reinforced elastomeric gasket joints for water service, meeting current AWWA C905, Pressure Class 305 psi (DR14)

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
04/01/13	NORTH AMERICAN PIPE CORPORATION 2801 Post Oak Boulevard Suite 410 Houston, TX 77056	See notes below	R. Lamb
04/01/13	DIAMOND PLASTICS CORPORATION P.O. Box 1608 Grand Island, NE 68802-1608	See notes below	R. Lamb

NOTE:

- AWWA C905 water pipe shall not be used in easements on private property and shall not be used for wastewater force mains or to convey anything but potable water.
- Markings shall include nominal size and OD basis (16" CI), PVC, Dimension Ratio (DR14), Pressure Class (PC 305), Test pressure for hydrotested pipe, AWWA C905, manufacturer's name or trademark, production run record or lot code, mark of certifying agency.
- Changes in direction of PVC pipe shall only be by use of fittings or by deflecting straight pipe sections at joints.
- Longitudinal bending of pipe is not allowed.
- Deflection of pipe at fittings is not allowed.
- Deflection of straight pipe sections shall not exceed 1 degree at each joint (even if joint restraint devices are installed), which corresponds to the following offset in pipe alignment:

Length of Pipe, ft
20

Offset, inches
4 maximum

Allowable Radius of Curvature, ft
1,146 minimum