



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**

for
PVC WATER PIPE (4-INCH TO 16-INCH DIAMETER)

USING DEPARTMENT: Austin Water **PREPARED BY:** Bill Flynn, P.E. **ISSUED:** 05/10/84
REVISED BY: Jeff A. Kyle, P.E. **REVISED:** 10/01/23

DESCRIPTION: Pipe, polyvinyl chloride (PVC), 4" through 16" cast iron pipe size O.D. with Reiber-type, steel-reinforced elastomeric gasket joints for water service and meeting AWWA C900 pressure class 235 (DR18).

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
11/30/84	JM EAGLE (formerly J M Pipe & PW Eagle) 9 Peach Tree Hill Road Livingston, NJ 07039	4" through 16" See notes below	W. Flynn
04/01/93	WESTLAKE PIPE & FITTINGS (Formerly NAPCO / North American Pipe Co.) 2801 Post Oak Boulevard, Suite 410 Houston, TX 77056	4" through 16" See notes below	W. Flynn
04/02/90	DIAMOND PLASTICS CORPORATION P.O. Box 2748 Lubbock, TX 79408-2748	4" through 16" See notes below	W. Flynn
10/01/05	VINYLECH CORPORATION 201 South 61 st Avenue Phoenix, AZ 85043	4" through 12" See notes below	R. Lamb
10/01/07	NORTHERN PIPE PRODUCTS 1309 39 th Street NW Fargo, ND 58102	4" through 12" See notes below	R. Lamb
04/01/12	JET STREAM (formerly Pipelife Jet Stream Inc.) 1700 South Lincoln Street Siloam Springs, AR 72761	4" through 12" See notes below	R. Lamb
01/01/21	SANDERSON PIPE CORPORATION 1 Enterprise Blvd Sanderson, FL 32087	4" through 12" See notes below	J. Kyle

NOTES:

1. Material must comply with requirement of description above and be rated above design pressure. Acceptable sizes are 4", 6", 8", 12", and 16".
2. Pipe with a whitened exterior (fading of color) that was manufactured more than two (2) years before the proposed installation date shall be rejected.
3. AWWA C900 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.
4. Changes in direction of PVC pipe shall only be by use of fittings or by deflecting straight pipe sections at joints.
5. Longitudinal bending of pipe is not allowed.
6. Deflection of pipe at fittings is not allowed.
7. 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

LATEST REVISIONS (since 07/01/22):

1. Revised minimum Pressure Class from 305 psi (DR14) to 235 psi (DR18).