



**CITY OF AUSTIN  
STANDARD PRODUCTS LIST**

for  
**PVC GRAVITY SEWER PIPE (18 INCH TO 48 INCH DIAMETER)**

**USING DEPARTMENT:** Austin Water      **PREPARED BY:** Bill Flynn, P.E.      **ISSUED:** 05/25/83  
**REVISED BY:** Jeff A. Kyle P.E.      **REVISED:** 01/01/20

**DESCRIPTION:** Pipe, polyvinyl chloride (PVC) gravity sewer 18 in to 48 in diameter meeting the following requirements:

1. Pipe shall meet ASTM F679
2. Gasket joints shall meet ASTM D3212
3. Gaskets shall be Reiber-type, steel-reinforced elastomeric material meeting ASTM F477
4. Minimum pipe stiffness of 115 psi according to ASTM D2412
5. Maximum SDR of 26

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
04/03/95	NORTH AMERICAN PIPE CORPORATION 2801 Post Oak Boulevard Suite 410 Houston, TX 77056	PS 115 See notes below	W. Flynn
01/03/95	JM EAGLE (Formerly J-M Pipe Manufacturing) Nine Peach Tree Hill Road Livingston, NJ 07039	PS 115 See notes below	W. Flynn
01/02/04	DIAMOND PLASTICS CORP. P.O. Box 1608 Grand Island, NE 68802	PS 115 See notes below	R. Lamb
10/01/07	NORTHERN PIPE PRODUCTS 1309 39th Street NW Fargo, ND 58102	PS 115 See notes below	R. Lamb
04/01/12	PIPELIFE JET STREAM, INC. P.O. Box 190 Siloam Springs, AR 72761	PS 115 See notes below	R. Lamb
07/01/14	VINYLTECH CORPORATION 201 South 61 <sup>st</sup> Street Phoenix, AZ 85043	PS 115 See notes below	R. Lamb

**NOTES:**

1. For each project, Design Engineer shall submit to Austin Water, deflection calculations based upon actual installation conditions as required by TCEQ rules. Installations will be considered for approval on a case-by-case basis.
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. Deflection testing is required and shall be conducted after final backfill has been in place at least 30 days. A rigid mandrel shall be used. Mandrel sizes are shown below.



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Nominal Size, inches	Average O.D., inches	Pipe Stiffness 115 psi	
		Minimum Wall Thickness, inches	95% Mandrel Diameter, inches
18	18.701	0.671	16.49
21	22.047	0.791	19.44
24	24.803	0.889	21.87
30	32.000	1.148	28.22
36	38.300	1.373	33.78
42	44.500	1.596	39.24
48	50.800	1.822	44.80

**LATEST REVISIONS:**

1. Edited and revised Description content and changed format.
2. Updated Note 1.
3. Added Note 2.
4. Removed ROYAL BUILDING PRODUCTS from SPL (RBP was purchased by NORTHERN AMERICAN PIPE CORP.; RBP pipe is no longer manufactured).