



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**

for
PVC GRAVITY SEWER PIPE (18 INCH TO 24 INCH DIAMETER)

USING DEPARTMENT: Water Utility **ISSUED:** 05/25/83 **REVIEWED:** 07/01/08 **REVISED:** 07/01/08

PREPARED BY: Bill Flynn, P.E. **CITY STOCK NUMBER:**

DESCRIPTION: Pipe, polyvinyl chloride (PVC) gravity sewer 18" to 24" diameter meeting ASTM F 679, minimum pipe stiffness of 75 psi according to ASTM D 2412, elastomeric gasket joints meeting ASTM D 3212 and gaskets meeting ASTM F 477.

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 75 and 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

NOTE:

- For each project, Design Engineer shall submit to Water Utility, deflection calculations based upon actual installation conditions as required by TCEQ rules. Installations will be considered for approval on a case-by-case basis.
- 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 as follows:

Nominal Size, inches	Average O.D., inches	Pipe Stiffness 75 psi		Pipe Stiffness 115 psi	
		Minimum Wall Thickness, inches	95% Mandrel Diameter, inches	Minimum Wall Thickness, inches	95% Mandrel Diameter, inches
18	18.701	0.584	16.66	0.719	16.40
21	22.047	0.689	19.64	0.848	19.33
24	24.803	0.775	22.09	0.954	21.75