



**CITY OF SAN MARCOS  
STANDARD PRODUCTS LIST**

SPL No. WW-227A

Sheet 1 of 1

for

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

**ISSUED: 09/01/2014      REVISED: 04/29/2019**

**DESCRIPTION:** Pipe, polyvinyl chloride (PVC) gravity sewer 18" to 48" diameter meeting ASTM F 679, minimum pipe stiffness of 115 psi according to ASTM D 2412, elastomeric gasket joints meeting ASTM D 3212 and gaskets meeting ASTM F 477.

APPROVAL DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT
4/3/1995	NAPCO (FORMERLY NORTH AMERICAN PIPE CORP.) 2801 Post Oak Blvd. Suite 410 Houston, TX 77056	PS 115 See notes below
1/3/1995	JM EAGLE (Formerly J-M Pipe Manufacturing) Nine Peach Tree Hill Road	PS 115 See notes below
1/2/2004	DIAMOND PLASTICS CORP. P.O. Box 1608 Grand Island, NE 68802	PS 115 See notes below
10/1/2007	NORTHERN PIPE PRODUCTS 1309 39th Street NW Fargo, ND 58102	PS 115 See notes below
4/1/2012	PIPELIFE JET STREAM, INC. P.O. Box 190 Siloam Springs, AR 72761	PS 115 See notes below

**NOTE:**

- For each project, Design Engineer shall submit to Water and Wastewater 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 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