



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**

for
PVC GRAVITY SEWER PIPE (6 INCH TO 15 INCH DIAMETER)

USING DEPARTMENT: Austin Water **PREPARED BY:** Bill Flynn, P.E. **ISSUED:** 05/25/83
REVISED BY: Jeff A. Kyle, P.E. **REVISED:** 01/01/19

DESCRIPTION: Pipe, polyvinyl chloride (PVC) gravity sewer 6" to 15" diameter meeting the following requirements:

1. Pipe shall meet ASTM D3034
2. Joints shall meet ASTM D3212
3. Gaskets shall meet ASTM F477
4. Minimum pipe stiffness of 115 psi
5. Maximum SDR of 26
6. Pipe approved for all applications including services meeting Standard 520-AW-01A shall have had pipe joints tested according to ASTM D3139 or D3212 to at least 150 psi without leakage. Testing agency and test protocol must have been approved by AW. (This testing is in addition to tests performed at 10.8 psi according to ASTM D3212.)
7. Pipe not meeting the 150 psi test requirement shall not be used for services meeting Standard 520-AW-01A

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
PIPE APPROVED FOR ALL APPLICATIONS INCLUDING SERVICES MEETING STANDARD 520-AW-01A			
07/01/98	DIAMOND PLASTICS CORP. 1212 Johnstown Road Grand Island, NE 68802-1608	See notes	W. Flynn J. Kyle
04/03/96	JM EAGLE (Formerly Uponor ETI or Extrusion Technologies, Inc. or PW Eagle or J-M Pipe Manufacturing) Nine Peach Tree Hill Road Livingston, NJ 07039	See notes	R. Lamb J. Kyle
04/03/95	NORTH AMERICAN PIPE CORP. 2801 Post Oak Blvd. Suite 410 Houston, TX 77056	See notes	W. Flynn J. Kyle
PIPE APPROVED FOR ALL APPLICATIONS EXCLUDING SERVICES MEETING STANDARD 520-AW-01A			
01/03/95	PIPELIFE-JET STREAM PLASTIC PIPE CO. P.O. Box 190 Siloam Springs, AR 72761	See notes	W. Flynn
04/01/02	VINYLPLEX, INC. 1800 Atkinson Ave. Pittsburg, KS 66762	See notes	K. Flowers
10/01/07	NORTHERN PIPE PRODUCTS 1309 39th Street NW Fargo, ND 58102	See notes	R. Lamb



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01/01/08	VINYLTECH CORPORATION 201 South 61st Avenue Phoenix, AZ 85043	See notes	R. Lamb
10/01/14	ROYAL BUILDING PRODUCTS 850 East Highway 77 Newbern, TN 38059	See notes	R. Lamb

NOTES:

1. 10" pipe to be used only for repairs.
2. 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
6	6.275	0.241	5.50
8	8.400	0.323	7.37
12	12.500	0.481	10.96
15	15.300	0.588	13.42

LATEST REVISIONS:

1. Changed format of the Description.
2. Added requirements for testing of pipe joints to 150 psi.
3. Listed pipe according to allowable uses depending on joints having been tested to 150 psi.