



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**

for
POLYETHYLENE (HDPE) PRESSURE PIPE (4-INCH AND LARGER)

USING DEPARTMENT: Austin Water **PREPARED BY:** Jeff A. Kyle, P.E. **ISSUED:** 01/01/22
REVISED BY: Jeff A. Kyle, P.E. **REVISED:** 01/01/25

DESCRIPTION: Pipe, polyethylene (HDPE) 4-inch and larger nominal diameter meeting the following requirements:

1. Compliance with AWWA C906
2. Materials Designation Code of PE4710 (Cell Class: 445574C)
3. Ductile Iron Pipe Size (DIPS) OD
4. Minimum DR11 Wall Thickness (PC 200)
5. NSF/ANSI 61 for potable use

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
01/01/22	GEORG FISCHER CENTRAL PLASTICS 39605 W. Independence Avenue Shawnee, OK 74804	See notes below	J. Kyle
01/01/22	JM EAGLE 5200 W. Century Blvd Los Angeles, CA 90045	See notes below	J. Kyle
01/01/22	PERFORMANCE PIPE A DIVISION OF CHEVRON PHILLIPS CO. 5085 W. Park Blvd, Suite 500 Plano, TX 75093	See notes below	J. Kyle
01/01/22	PIPELINE PLASTICS, LLC 1301 Solana Blvd Building 1, Suite 1440 Westlake, TX 76262	See notes below	J. Kyle
01/01/22	WL PLASTICS INC 3575 Lone Star Circle Fort Worth, TX 76177	See notes below	J. Kyle

NOTES:

1. Materials shall meet applicable specification requirements and be rated above design pressure. Sizes for wastewater force mains shall be determined based on specific project requirements.
2. This pipe shall be used only for pressurized systems and is not to be used for gravity flow wastewater systems.
3. Plain black HDPE pipe without color coded striping is prohibited. Pipe shall have at least three continuous coextruded colored stripes equally spaced around the pipe OD (blue for potable service, purple for reclaimed service, or green for force main) and running the full length of the pipe.
4. Mechanical joint (MJ) connections shall be made using HDPE MJ adapters listed on SPL WW-706A.
5. MJ wedge action joint restraint devices shall not be used on HDPE pipe without written approval by Austin Water. If used, the device shall be designed specifically for use on HDPE pipe.
6. Each fusion technician must be pre-qualified and possess a current certification issued by an independent, industry-recognized certification organization to make butt fusion joints.
7. Tracer Wire and related tracer system components from an approved AW supplier shall be used with HDPE pipe when installed by trenchless methods.
8. Tracer Tape, as listed on SPL WW-597, shall be installed with HDPE pipe.

LATEST REVISIONS (Since 01/01/24):

1. Updated SPL name.
2. Updated allowable sizes to 4-inch and larger.
3. Changed acronym for 'polyethylene' from 'PE' to 'HDPE'.