



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**

for

POLYETHYLENE (HDPE) ELECTROFUSION FITTINGS (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: Electrofusion fittings, polyethylene (HDPE) 4-inch to 16-inch nominal diameter meeting the following requirements:

1. Compliance with AWWA C906
2. Compliance with ASTM F1055, with additional requirement that markings include size followed by DIPS
3. Materials Designation Code of PE4710 (Cell Class: 445574C)
4. Ductile Iron Pipe Size (DIPS) OD compatibility
5. Minimum Pressure Rating of 200 psi
6. 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	Flex Restraints Couplers 2" EF Threaded Service Saddles	J. Kyle
01/01/22	INTEGRITY FUSION PRODUCTS, INC. 270 Parkade Court Peachtree City, GA 30269	Flex Restraints Couplers 2" EF Threaded Service Saddles	J. Kyle
01/01/22	STRONGBRIDGE INTERNATIONAL, LLC 154 Industrial Loop South Orange Park, FL 32073	Flex Restraints Couplers	J. Kyle

NOTES:

1. Fitting material must comply with requirements of the description above and be rated above design pressure.
2. Sizes for wastewater force mains shall be determined based on specific project requirements.
3. These fittings shall only be used for pressurized service with HDPE pipe listed on SPL WW-706 and are not to be used for gravity flow wastewater systems.
4. Each fusion technician must be pre-qualified and possess a current certification issued by an independent, industry-recognized certification organization to make electrofusion joints.

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'.