



CITY OF SAN MARCOS
STANDARD PRODUCTS LIST

SPL No. WW-27F

Sheet 1 of 1

for

RESTRAINED JOINT DUCTILE IRON PIPE AND FITTINGS

ISSUED: 09/01/2014

REVISED: 02/01/2022

DESCRIPTION: Water Pipe, Ductile Iron complying with AWWA C151, with special restrained joint bell. Pipe spigot end shall have a factory welded-on restraint ring or bead except for field cut pipe, which shall be restrained using special restraint gaskets designed specifically to be compatible with the restrained joint bell. Pipe shall be asphalt coated and cement-mortar lined with asphaltic seal coat complying with AWWA C104. Fittings shall have same restrained joint system as pipe or shall have compatible integral system, shall comply with AWWA C153 or AWWA C110, and shall be asphalt coated and cement-mortar lined with asphaltic seal coat complying with AWWA C104 or fusion-bonded epoxy-coated and -lined (inside and outside) complying with AWWA C116. Fusion-bonded epoxy must be red and shall comply with requirements of NSF 61.

APPROVAL DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT
4/1/2003	U.S. PIPE & FOUNDRY CO. P.O. Box 10406 Birmingham, AL 35202	TR FLEX 4" - 36" TR FLEX GRIPPER RING for field cut pipe or closure pieces HP LOK 30" - 64"
4/1/2003	AMERICAN CAST IRON PIPE P.O. Box 2727 Birmingham, AL 35202	FLEX-RING 4" - 48" LOK-RING 54" - 64" FIELD FLEX-RING for field-cut pipe or closure pieces
7/1/2011	McWANE, INC. 1201 Vanderbilt Road Birmingham, AL 35234	TR FLEX 6" - 36" TR FLEX GRIPPER RING for field cut pipe or closure pieces THRUST-LOCK 6" - 30" THRUST-LOCK for field cut pipe or closure pieces
2/1/2022	Electrosteel USA 1101 Louisville Rd. Savannah, GA 31415	Pushlock Ductile Iron Factory Restraint Pipe (4"-24")

NOTE:

1. Warning tape shall be placed per SPL WW-597A.
2. Field welded-on restraint rings or beads are not allowed.
3. For pipe larger than 24" diameter, contractor's/manufacture's PROJECT submittal must include one of the following:
 - a) evidence of current ISO registration,
 - b) evidence of current Austin Water Utility-approved quality control program, or
 - c) name and qualifications of independent, third party firm that will test and inspect pipe produced for City of San Marcos, as per Standard Specification Item 510.

[Inspector—show location of restrained pipe and fittings on intersection drawings. Also show on record drawings along with manufacturer's name.]