



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**

for
RESTRAINED JOINT DUCTILE IRON PIPE AND FITTINGS

USING DEPARTMENT: Water Utility **ISSUED:** 04/01/03 **REVIEWED:** 04/01/09 **REVISED:** 04/01/09

PREPARED BY: Robert Lamb, P.E. **CITY STOCK NUMBER:**

DESCRIPTION: Water Pipe, Ductile Iron complying with AWWA C151, with special restrained joint having factory weld bead or welded-on retainer ring on the spigot end of the pipe except for field-cut pipe or closure pieces, which shall have field welded-on retainer ring or full circumference locking rings or metal segments. 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. (See SPL WW-27A for pipe joint restraint devices.)

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
04/01/03	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"	R. Lamb
04/01/03	GRIFFIN PIPE PRODUCTS 2601 Ninth Avenue Council Bluffs, IA 51501	SNAP-LOK 6" - 48" SNAP-LOK FC for field cut pipe or closure pieces BOLT-LOK 4" - 48" BOLT-LOK FC for field cut pipe or closure pieces	R. Lamb
04/01/03	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	R. Lamb
04/01/03	McWANE, INC. (ATLANTIC STATES PIPE CO, CLOW PIPE, AND PACIFIC STATES PIPE CO.) 1201 Vanderbilt Road Birmingham, AL 35234-2357	CLOW SUPER-LOK 6" - 36" CLOW SUPER-LOK weld-on lock ring for field-cut pipe or closure pieces PACIFIC STATES THRUST-LOCK 6" - 30" PACIFIC STATES THRUST-LOCK boltless restrained joint pipe for field-cut pipe and closure pieces 6" - 24"	R. Lamb

NOTE:

- Warning tape shall be placed on the polyethylene wrap on top of the pipe for the full length of restrained joint pipe. The warning tape shall be yellow and shall have black lettering at least 2 inches high that states "Restrained Joint / Junta de Restriccion" at intervals not exceeding 24 inches. The warning tape shall be polypropylene having a minimum thickness of 2 mils, a minimum width of 3 inches, and adhesive backing on the side opposite the lettering.
- Field welds shall be by certified welder approved by the pipe manufacturer.
- For pipe larger than 24" diameter, contractor's/manufacturer'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 Austin, 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.]