



**SPL No:** SPL-WT-105  
**PRODUCT:** MECHANICAL RESTRAINTS  
**ISSUE DATE:** 8/1/2018

**DEPARTMENT:** UTILITIES AND ENVIRONMENTAL SERVICES  
**SERVICE:** WATER  
**STANDARD DETAIL:** -  
**SPECIFICATION:** 510

PRODUCT	MANUFACTURER	PRODUCT IDENTIFICATION	NOTES
DUCTILE IRON PIPE MECHANICAL JOINT RESTRAINT	EBBA IRON SALES INC. TYLER UNION SIGMA STAR PIPE PRODUCTS SIP INDUSTRIES	1100 MEGALUG 1000 TUFGRIP ONE-LOK SERIES SLDE (DI) STARGRIP SERIES 3000 EZDP	1,2,4
PVC PIPE MECHANICAL JOINT RESTRAINT	EBBA IRON SALES INC. TYLER UNION SIGMA STAR PIPE PRODUCTS FORD METER BOX CO. SIP INDUSTRIES	2000PV MEGALUG 2000 TUFGRIP ONE-LOK SERIES SLDE (PVC) PVC STARGRIP SERIES 4000 SERIES 1500-CA EZPVCP	1,3,4
DUCTILE IRON PIPE BELL RESTRAINT	TYLER UNION SIGMA STAR PIPE PRODUCTS	SERIES 3000 (DI) ONE-LOCK SLCEH (DI) SERIES 1000C AND SERIES 1100C	1,2
PVC PIPE BELL RESTRAINT	TYLER UNION SIGMA STAR PIPE PRODUCTS FORD METER BOX CO. SIP INDUSTRIES	SERIES 3000 (PVC) ONE-LOC SLCEH (PVC) SERIES 1000 AND SERIES 1100 UFR 1390 (SS BOLTS) PTPVC	1,3

**REQUIREMENTS:**

PRODUCTS MUST MEET ALL REQUIREMENTS LISTED IN THE CITY OF ROUND ROCK UTILITY CRITERIA MANUAL, TECHNICAL SPECIFICATIONS AND STANDARD DETAILS. ALL PRODUCTS MUST BE SUITABLE FOR USE IN POTABLE WATER.

- 1) RESTRAINT DEVICES SHALL HAVE A WORKING PRESSURE THAT EQUALS OR EXCEEDS THE PRESSURE OF THE PIPE, FITTINGS, OR VALVES ON WHICH THEY ARE USED.
- 2) RESTRAINT DEVICES FOR DI PIPE SHALL HAVE A BLACK COATING
- 3) RESTRAINT DEVICES FOR PVC PIPE SHALL HAVE A RED COATING
- 4) WEDGE-ACTION LUG-TYPE MECHANICAL JOINT RESTRAINTS SHALL NO BE ATTACHED TO CAST IRON OR ASBESTOS CONCRETE PIPE