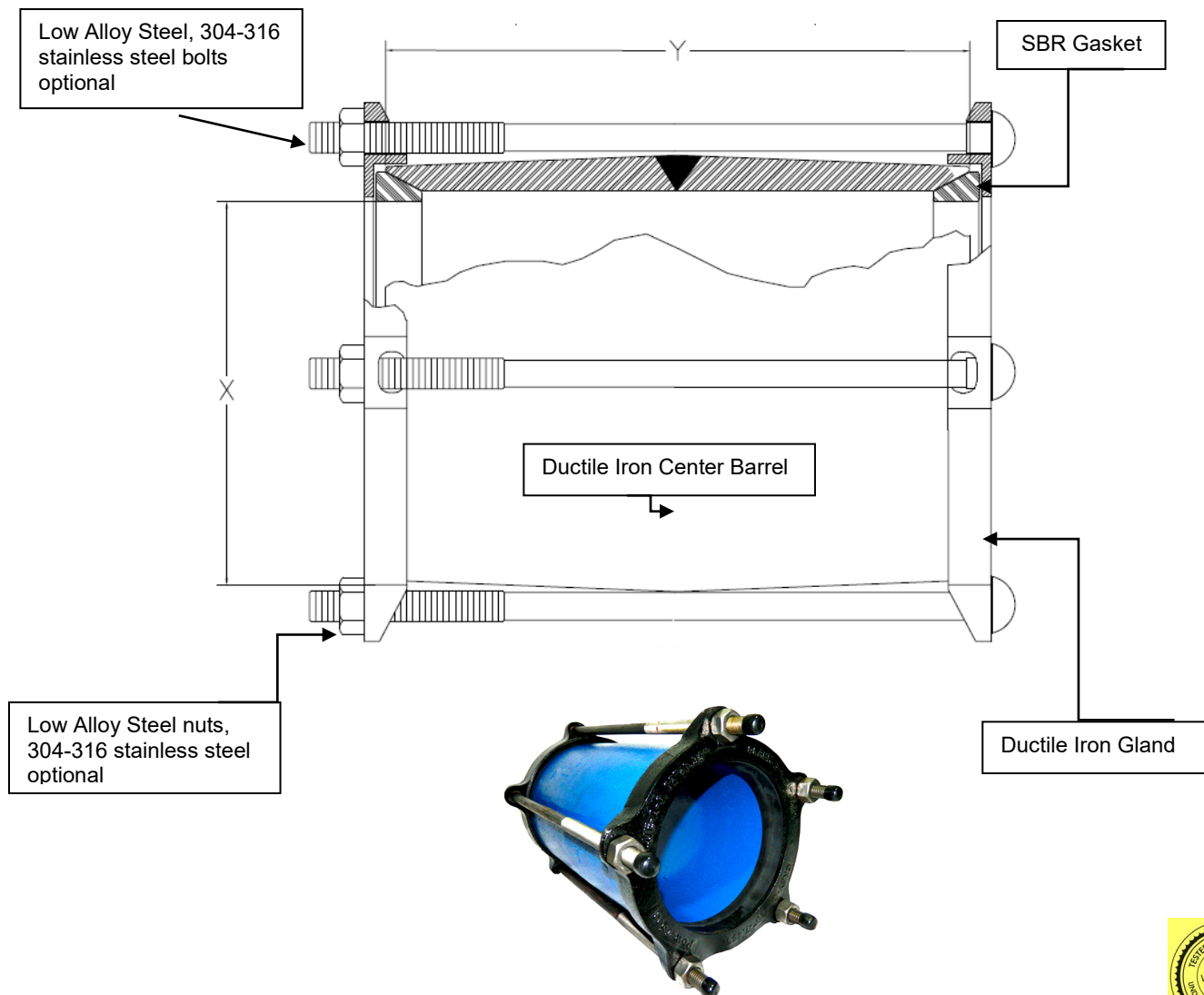


Features and Benefits

1. Flexible and secure connection which allows the repair or connection of damaged or new sections of pipe.
2. The SBR transition gasket is produced from 100% new rubber to ensure excellent performance under varying pressures. Suitable for mild acids, water and salt media with a temperature range of -25 to +200°F. Other materials available.
3. Color coded glands and gaskets for easy identification.
4. Center barrel and glands receive an interior and exterior fusion bonded epoxy coating.
5. Complete interchangeability in the field.
6. 3° to 5° deflection at each joint.
7. O.D. ranges are cast and molded into glands and gaskets, plus the glands and gaskets are color coded for easy identification.



Scope

The intent of the specification is to receive 2” - 24” diameter all ductile iron bolted transition couplings which require only one common center barrel per nominal pipe size and have interchangeable end rings and gaskets to join the plain ends of all pressure classes of steel, cast and ductile iron, PVC, and asbestos cement pipe. 3501LB barrel is manufactured to have a longer in length. The coupling furnished shall be equivalent to Model 3501LB transition coupling as manufactured by PowerSeal Pipeline Products Corporation but have a longer. This product meets or exceed AWWA C219.

Design and Material Specification

The transition coupling shall meet or exceed all material specifications as listed below and AWWA C219.

1. Gaskets shall be vulcanized, molded or extruded in SBR (Styrene Butadiene Rubber) free from porous areas, foreign materials, and visible defects. Reclaimed rubber shall not be used. Gaskets shall meet the requirements of ASTM D2000 to ensure superior storage characteristics, permanence, and resistance to set.
2. Bolts and nuts shall be high strength low alloy steel per ASTM A325. Stainless Steel type 304 or 316 bolts and nuts are available.
3. The laying length of the transition sleeve shall be as specified (i.e., standard or extra-long), and the minimum quantity of bolts shall be as noted per the nominal diameter.
4. All cast components will be ductile iron per ASTM A536.

| Material Specifications | | |
|-------------------------|---|----------------------|
| Part Name | Material | Mat. specs |
| Gland | Ductile Iron | ASTM A536 |
| Gasket | SBR | ASTM D2000 |
| Center Barrel | Ductile Iron | ASTM A536 |
| Bolts | Low Alloy Steel / Stainless Steel 304/316 | ASTM A325/ ASTM A193 |
| Nuts | Low Alloy Steel / Stainless Steel 304/316 | ASTM A325/ ASTM 194 |
| Coating | Epoxy Coated | AWWA C210 |



3501 LONG BARREL
 TRANSITION COUPLING
 Certified to NSF/ANSI-61.



| NOMINAL PIPE SIZE | Y (IN) | PIPE RANGE "X" (IN) | | | | | BOLT QTY | WEIGHT (LB) |
|----------------------|--------|---------------------|------------|-------------|-------------|-------------|-------------|----------------|
| | Long | OD - WHITE | AA - GREEN | A - BLUE | B - BLACK | C - GRAY | | |
| 2 | 12 | - | - | 2.35-2.63 | - | - | 2 | 4 |
| 4 | 12 | 4.00-4.13 | 4.20-4.50 | 4.50-4.85 | 4.80-5.10 | 5.05-5.40 | 4 | 18 |
| 6 | 12 | 6.00-6.14 | 6.27-6.72 | 6.62-6.95 | 6.90-7.22 | 7.19-7.45 | 5 | 27 |
| 8 | 12 | 8.00-8.16 | 8.40-8.82 | 8.62-9.05 | 9.05-9.45 | 9.10-9.79 | 6 | 38 |
| 10 | 12 | - | - | 10.70-11.10 | 11.10-11.50 | 11.60-12.12 | 7 | 52 |
| 12 | 12/16 | - | - | 12.75-13.20 | 13.20-13.50 | 13.78-14.38 | 8 | 70 |
| 14 | 12 | - | - | 15.30-15.70 | 16.00-16.40 | 16.40-16.88 | 9 | 91 |
| 16 | 12 /16 | - | - | 17.15-17.40 | 17.40-17.80 | 18.46-19.00 | 10 | 105 |
| 18 | 12 | - | - | 18.70-19.10 | 19.10-19.70 | 19.70-20.25 | 12 | 128 |
| 20 | 12 | - | - | 20.80-21.35 | 21.35-21.75 | 21.75-22.25 | 12 | 140 |
| 24 | 12 | - | - | 25.00-25.80 | 26.10-26.32 | - | 14 | 230 |

