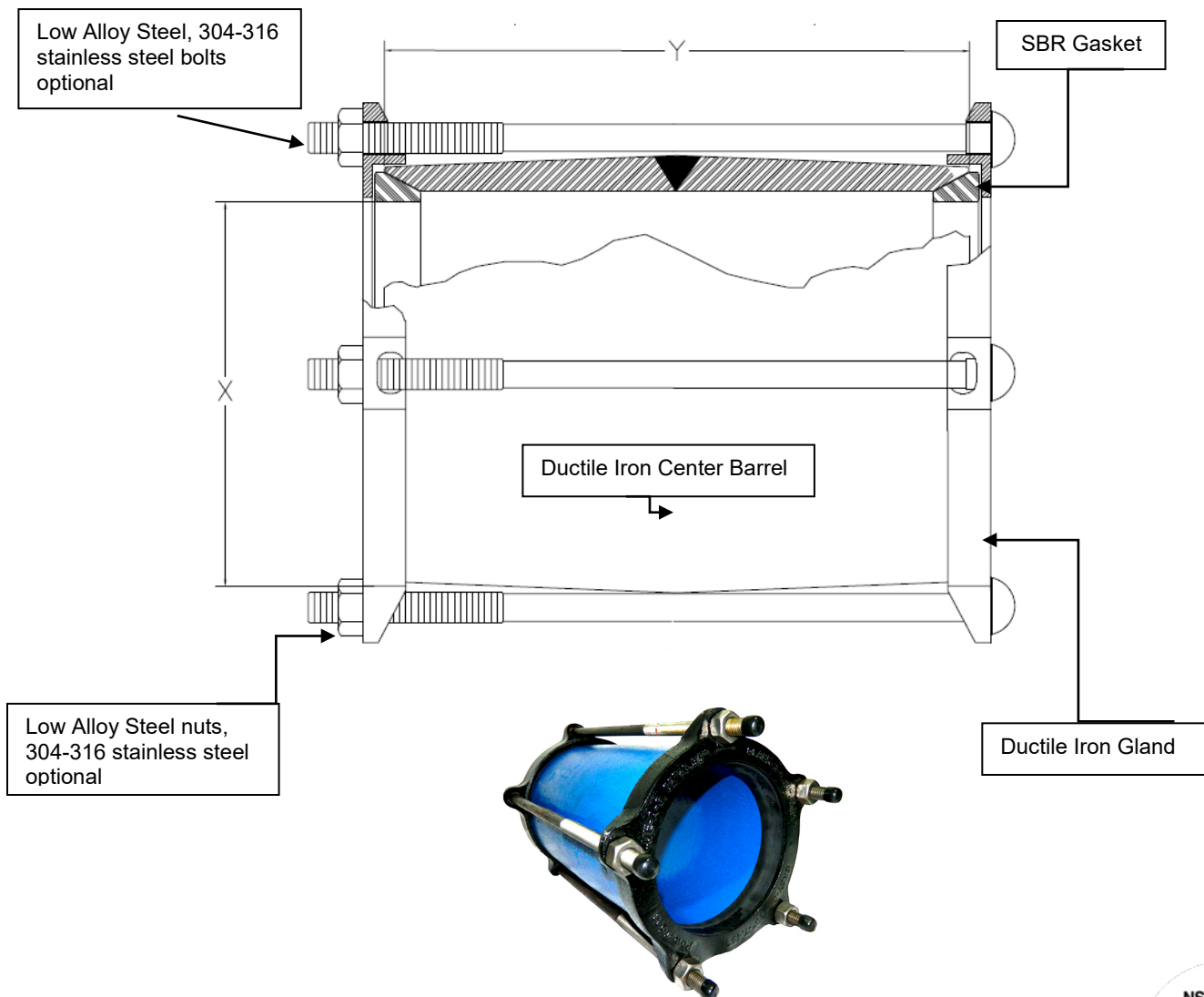


Features and Benefits

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

