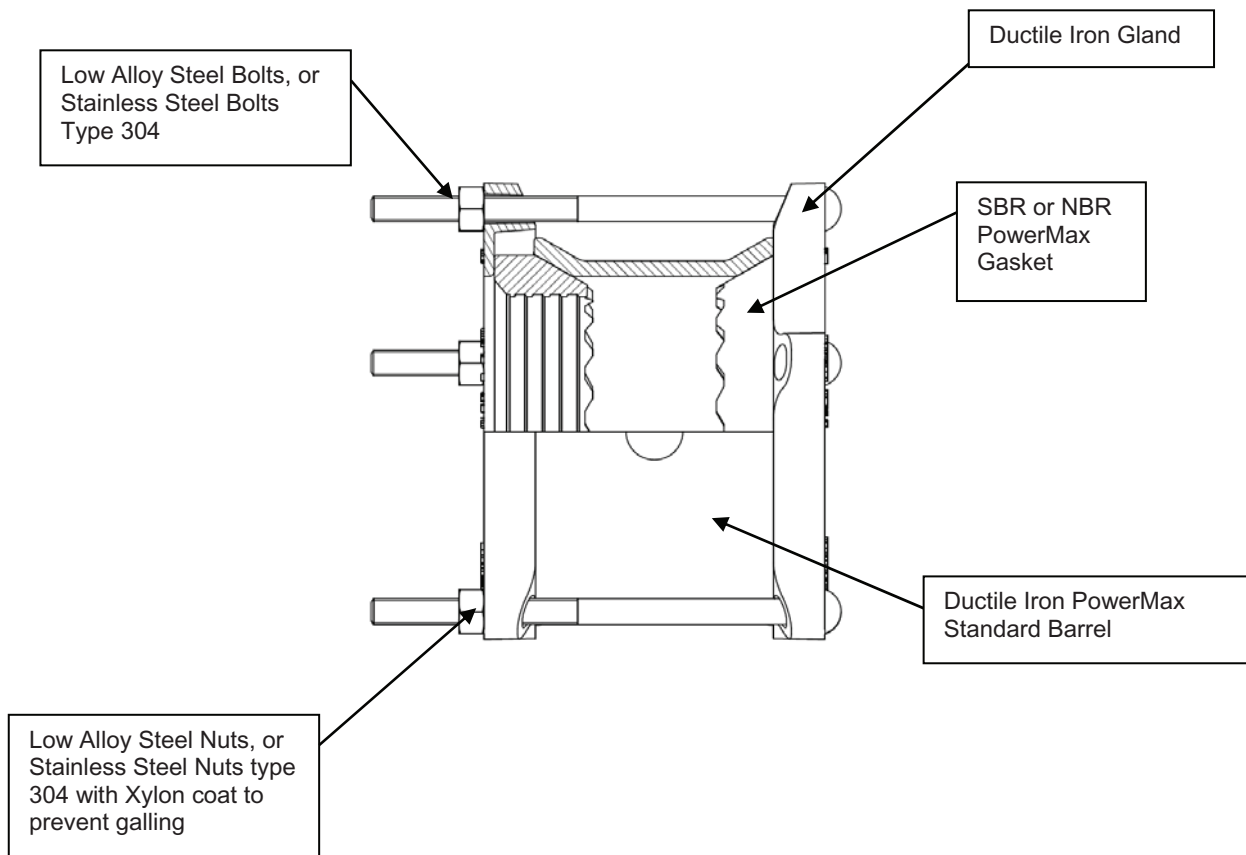


Scope

The intent of the specification is to receive 2" - 16" diameter ductile iron bolted PowerMax couplings which require only one common sleeve and corresponding set of end glands per nominal pipe size. The coupling furnished shall be equivalent to Model 3506/3506LB PowerMax Coupling as manufactured by PowerSeal Pipeline Products Corporation. Meets or exceeds AWWA C219.



Features and Benefits

1. Flexible and secure connection which allows the repair of damaged sections of pipe which are too long to be repaired by a PowerSeal Repair Clamp.
2. Longest "standard" barrel in the industry
3. The SBR/NBR 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 -40 to +150°F.
4. Standard Barrel and glands receive an interior and exterior Epoxy coating.
5. Angular deflection up to 8°

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Design and Material Specification

- The PowerMax Coupling shall meet or exceed all material specifications as listed below and AWWA C219.
- Gaskets shall be vulcanized, molded or extruded, SBR (Styrene Butadiene Rubber) or NBR (Nitrile 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.
- Bolts and nuts shall be in Low Alloy Steel. Stainless Steel type 304 Nut & Bolts and SST type 316 are available.
- The laying length of the PowerMax sleeve shall be as specified (i.e., standard or Long-Barrel), and the minimum quantity of bolts shall be as noted per the nominal diameter.

Material Specifications		
Part Name	Material	Mat. specs
Gland	Ductile Iron	ASTM A536
Gasket	SBR/NBR	ASTM D2000
PowerMax Barrel	Ductile Iron	ASTM A536
Bolts	Low Allow Steel/ Stainless Steel 304	ASTM A325/ ASTM A193
Nuts	Low Alloy Steel / Stainless Steel 304	ASTM A325/ ASTM A194
Coating	Epoxy Paint	AWWA C210

PIPE SIZE		RANGE	STANDARD BARREL		LONG BARREL	BOLTS & NUTS
OD (in)			DUCTILE IRON	STAINLESS STEEL	DUCTILE IRON	QTY
2	A	2.30-2.90	5	5	12	2
3	A	3.40-4.20	5	6.5	12	3
4	A	4.20-5.33	6	6	12	4
6	A	6.25-7.45	6	6	12	5
8	A	8.40-9.79	10	10	12	6
10	A	10.70-12.12	10	10	12	7
12	A	12.75-14.38	10	10	12	8
14	A	15.25-16.90	10.5	10.5	12	10
16	A	16.00-17.80	12	12	12	10
16	B	17.40-19.00	12	12	12	10

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