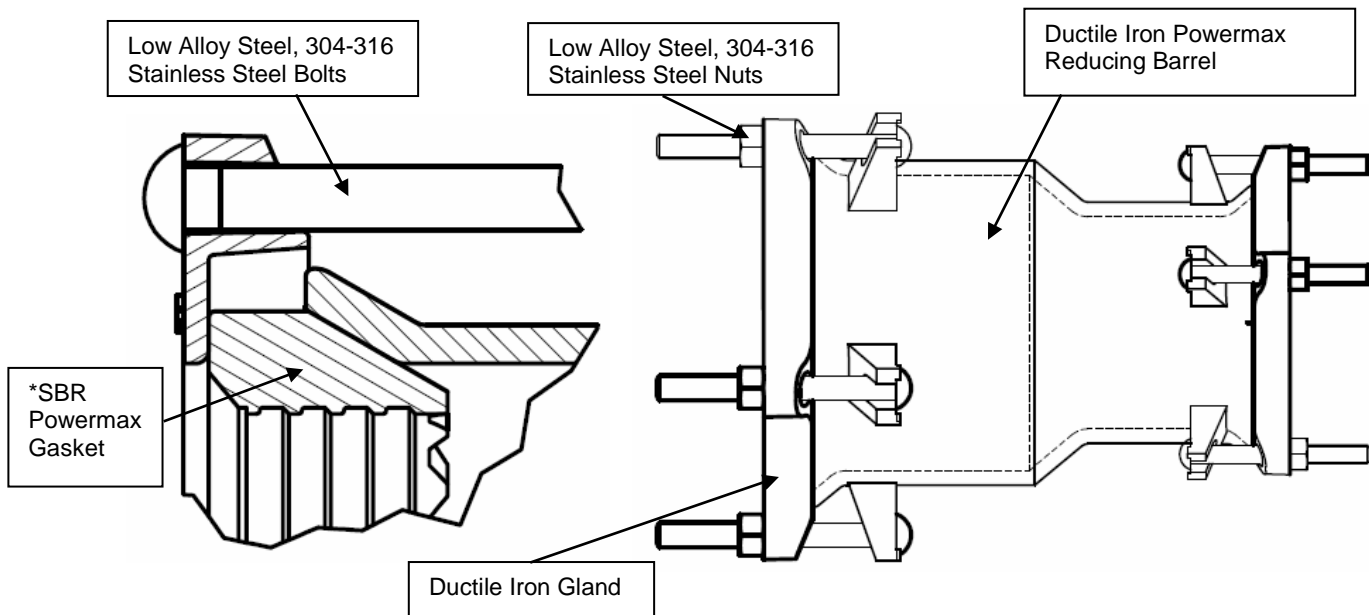


### Features and Benefits

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 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.
4. Standard Barrel and glands receive an interior and exterior fusion bonded epoxy coating.
5. Angular deflection up to 8°.



**Scope**

The intent of the specification is to receive 4” - 12” diameter ductile iron bolted Powermax couplings. The coupling furnished shall be equivalent to Model 3506R Powermax Reducing Coupling as manufactured by PowerSeal Pipeline Products Corporation. Meets or exceeds AWWA C219.

**Design and Material Specification**

1. The Powermax Coupling shall meet or exceed all material specifications as listed below and AWWA C219.
2. Gaskets shall be vulcanized, molded or extruded, 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. EPDM or Viton available.
3. Bolts and nuts shall be in Low Alloy Steel. Stainless Steel type 304 Nut & Bolts and SST type 316 are available.

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

**Size Chart**

<b>Nominal Size</b>	<b>Range O.D. Big End</b>	<b>Range I.D. Small End</b>	<b>Barrel Length</b>	<b>Weight (LBS.)</b>
4x3	4.20-5.33	3.40-4.20	12	40
6x4	6.25-7.45	4.20-5.33	12	50
8x6	8.40-9.79	6.25-7.45	12	64
10x8	10.45-12.12	8.40-9.79	16	98
12x10	12.50-14.38	10.15-12.12	16	134

