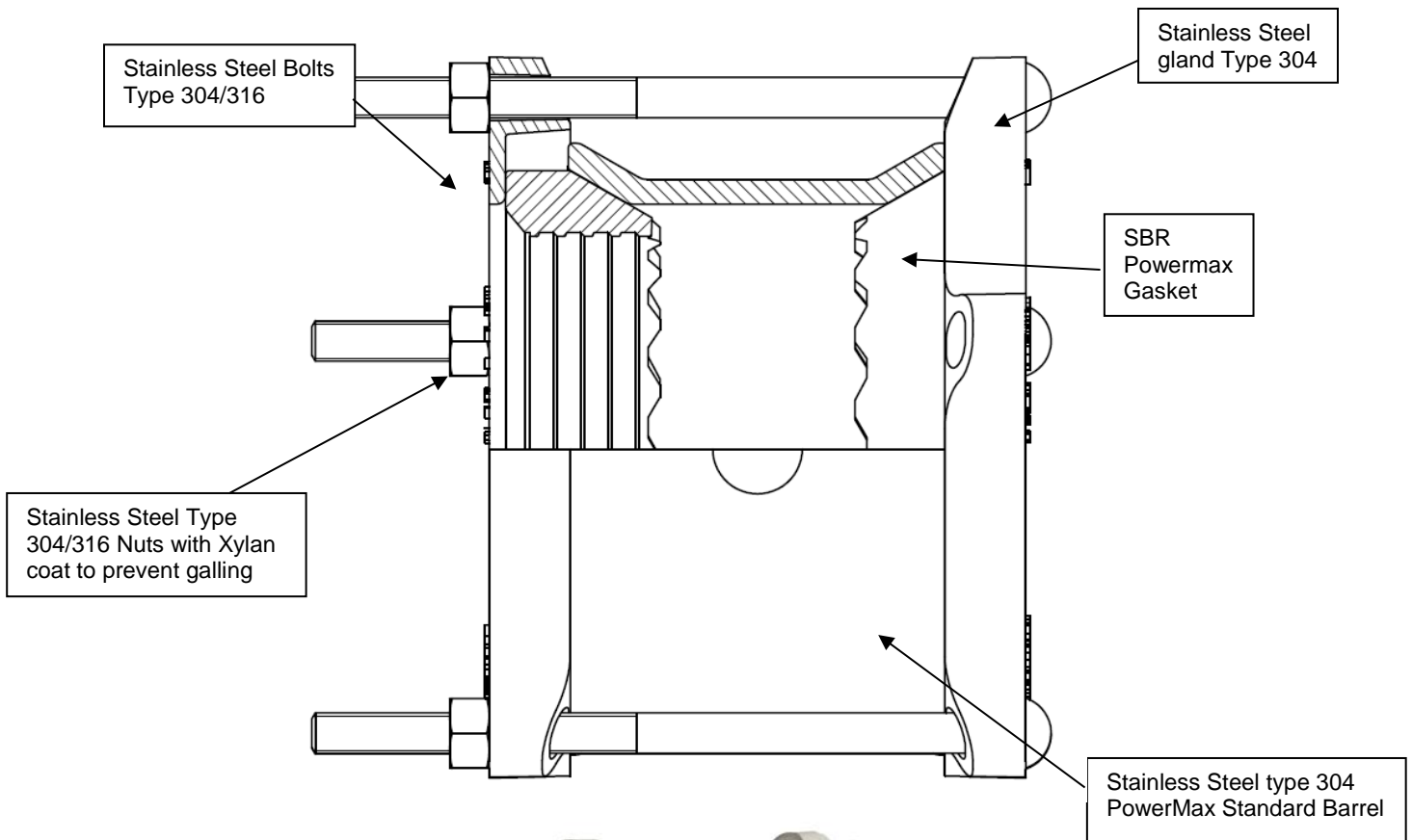


Scope

The intent of the specification is to receive 2” - 12” all stainless steel bolted PowerMax couplings which require only one common sleeve and corresponding set of end glands per nominal pipe size. These couplings shall be capable of fitting a wide range of pipe diameters without interchanging any components. The coupling furnished shall be equivalent to Model 3506AS Powermax coupling as manufactured by PowerSeal Pipeline Products Corporation. Meets or exceeds AWWA C219.



Features and Benefits

1. Totally constructed of corrosion resistant stainless steel. This is the only wide ranged all stainless steel coupling on the market today.
2. Flexible and secure connection which allows the repair or joining of damaged or new sections of pipe.
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.
EPDM and Viton are also available.
4. Angular deflection up to 8°

Design and Material Specification

The Powermax Model 3506AS coupling shall meet or exceed all material specifications as listed below and AWWA C219.

1. All cast parts will be totally 304 stainless steel material.
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 and Viton are also available.
3. Nuts and bolts shall be in stainless steel type 304.
4. The laying length of the PowerMax coupling shall be as specified and the minimum quantity of bolts shall be as noted per the nominal diameter.

Material Specifications		
Part Name	Material	Mat. specs
Gland	Stainless Steel 304	ASTM A743
Gasket	SBR	ASTM D2000
PowerMax Barrel	Stainless Steel 304	ASTM A240
Bolts	Stainless Steel 304	ASTM A193
Nuts	Stainless Steel 304	ASTM A194

PIPE SIZE		Range	STANDARD BARREL		Nuts & Bolts QTY
OD (in)			Weight (LBS.)	Barrel Length	
2	A	2.30-2.90	11	6	2
3	A	3.40-4.20	14	6	3
4	A	4.20-5.33	18	6	4
6	A	6.25-7.45	24	6	5
8	A	8.40-9.79	40	10	6
10	A	10.70-12.12	46	10	7
12	A	12.75-14.38	56	10	8

