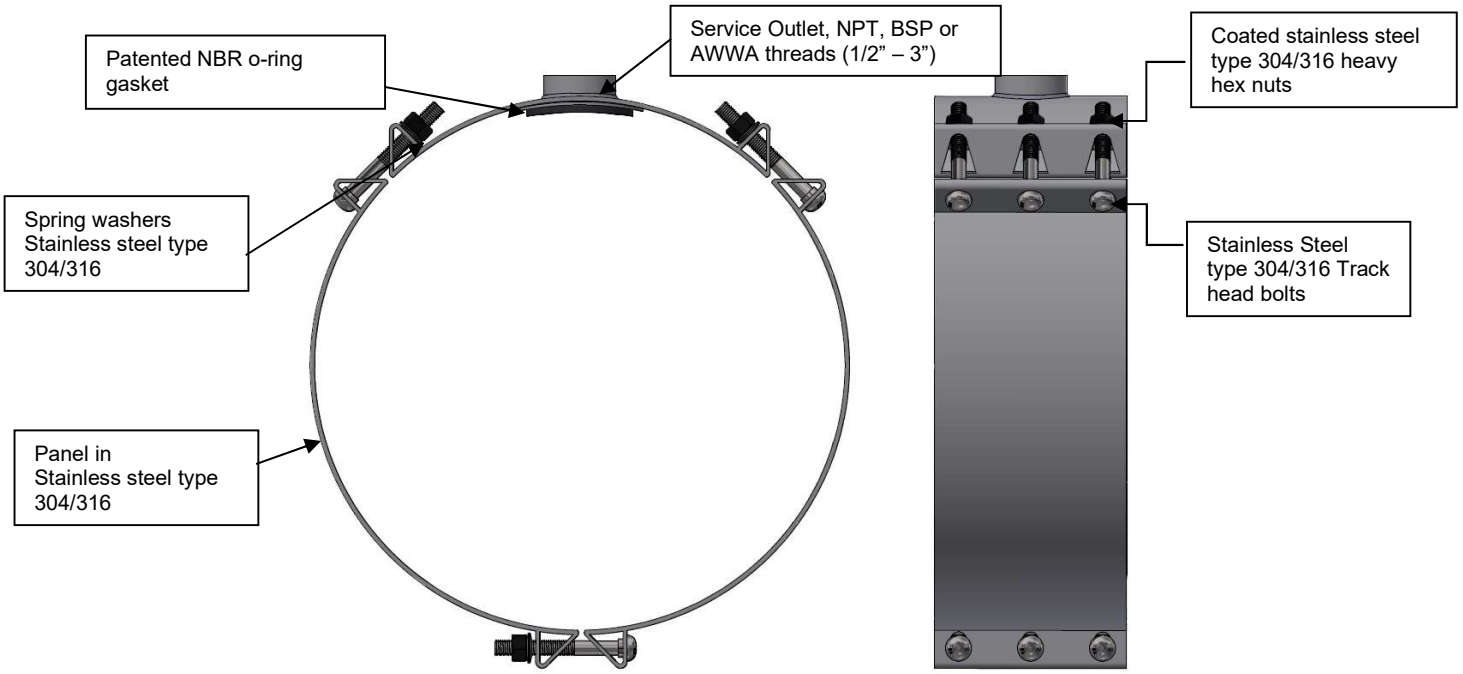
3416AS-PE STAINLESS STEEL SADDLE
24" diameter and larger
Certified to NSF/ANSI-61

PowerSeal PIPELINE PRODUCTS CORPORATION

Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. Drop in track head bolts with stainless steel nuts allow assembly in either direction.
3. Due to stainless steel panel construction saddles can be manufactured to fit any pipe diameter.
4. Saddles are available with NPT, BSP or AWWA (CC) tapped outlets ½" -4".
5. Patented NBR TwinSeal gasket design ensures a watertight seal to all classes of pipe.



3416AS			
Pipe Size		Pipe OD Range	
in.	mm.	in.	mm.
24A	600	24.00 - 25.20	610 - 640
24B	600	25.80 - 27.00	655 - 686
30A	750	30.00 - 31.20	762 - 792
30B	750	32.00 - 33.20	813 - 843
36A	900	36.00 - 37.20	914 - 945
36B	900	37.90 - 39.10	963 - 1024
42A	1100	42.00 - 43.20	1067 - 1097
42B	1100	44.20 - 45.40	1123 - 1153
42C	1100	44.50 - 46.70	1156 - 1186
48A	1200	48.00 - 49.20	1219 - 1250
48B	1200	50.50 - 51.70	1283 - 1313
48C	1200	51.80 - 53.00	1316 - 1346
48D	1200	53.10 - 54.30	1349 - 1379

For 1/2" to 2" outlets, the panel width is 8"
For 3" outlets, the panel width is 12"
For 4" outlets, the panel width is 16"

Waterworks pipes can experience changes due to temperature and pressure depending on the field conditions. High-Density Polyethylene Pipe (HDPE) possesses mechanical and thermal properties that cause the expansion or contraction of the pipe because of these changes. 3416AS-PE with spring washers design will support those possible pipe changes without compromising the tightness of the saddle.

NSF/ANSI 61 IAPMO R&T C ®

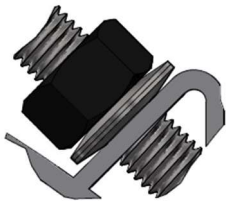
Scope

The intent of the specification is to receive a 24" and up diameter stainless steel saddle. The saddle furnished shall be equivalent to model 3416AS-PE as manufactured by PowerSeal Pipeline Products Corporation.

Design and Material Specification

The stainless steel saddle shall meet or exceed all material specifications as listed below:

1. The exterior band of the saddle shall be Type 304 (18-8) stainless steel.
2. The saddle shall have a Twinseal gasket permanently attached to the panel at the factory. The O-ring mat gasket shall be our patented design in NBR. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber. The NBR resists temperatures of -25 to +248ºFLugs shall be structurally welded GMAW (MIG) to the shell and the weld shall be fully passivated.
3. The stainless steel female outlet shall be permanently attached to the saddle via a fully passivated weld during manufacture at the factory.
4. There shall be no paper or plastic adhesive labels attached to the saddle, any information appearing on the saddle shall be stenciled.
5. Fully complies with AWWA C800 and NSF 61.



Material Specifications		
Part Name	**Material**	**Mat. specs**
Panel	Stainless Steel type 304/316	ASTM A240
Lugs	Stainless Steel type 304/316	ASTM A240
Bolts	Stainless Steel type 304/316	ASTM A193
Nuts	Stainless Steel type 304/316	ASTM A194
TwinSeal	NBR	ASTM D2000
Spring washers	Stainless Steel type 304/316	ASTM A240