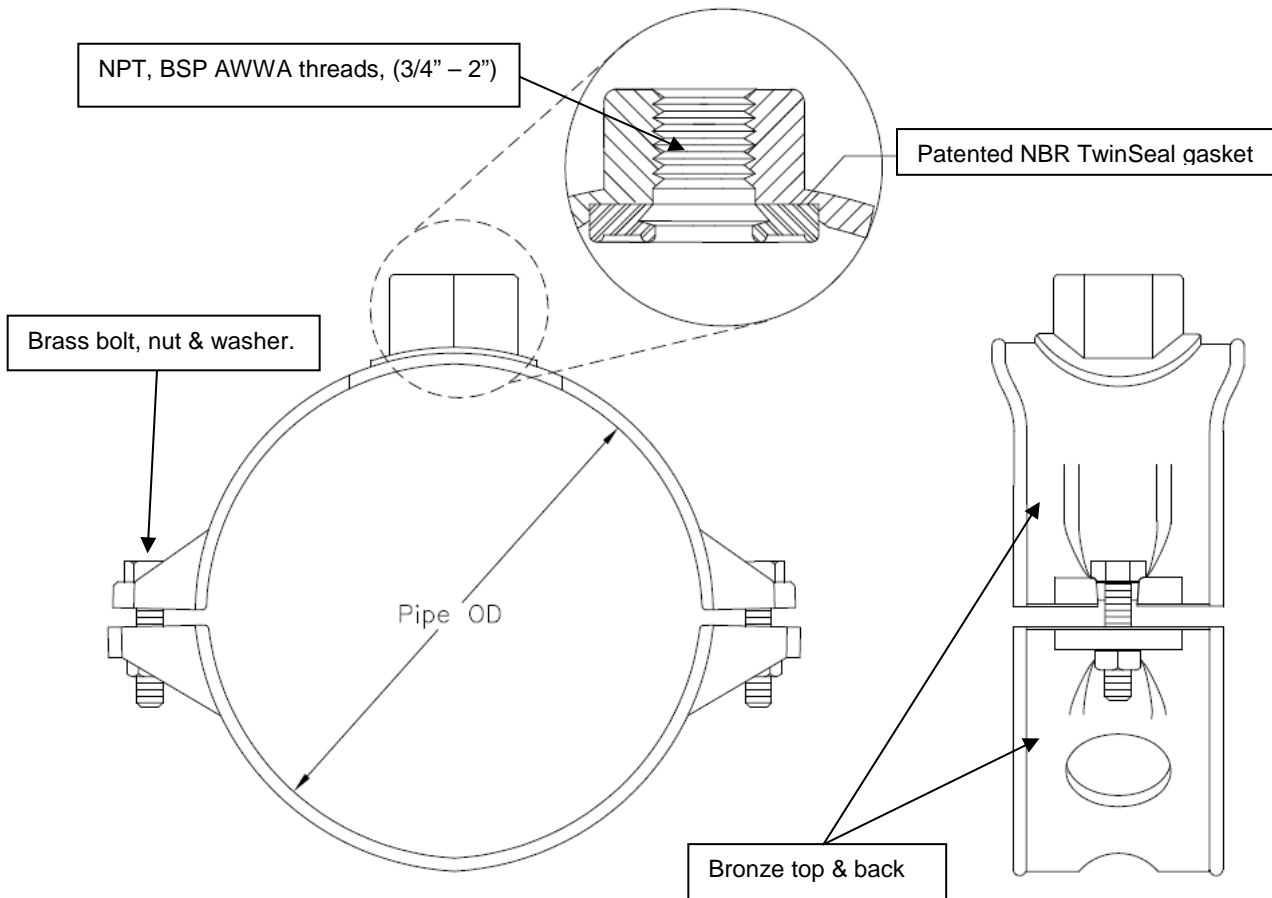


Features and Benefits

1. Long life, corrosion-resistant brass.
2. Extra wide bearing support and stronger construction to support service pipe once installed.
3. One saddle fits asbestos-cement, cast iron, ductile, AWWA C-900 C.I O.D PVC and fiberglass pipe. Reduces inventory. Wide range capability.
4. Because of special gasket design, sleeve halves should not meet when assembled on pipe.



Pipe Size		Pipe OD Range		Bolts
in.	mm.	in.	mm.	Size
4	100	4.80-5.45	122-140	1/2" x 3"
6	150	6.85-7.45	175-190	1/2" x 3"
8	200	9.05-9.65	230-245	1/2" x 3"
10	250	11.05-12.05	282-307	1/2" x 3"
12	300	13.20-14.20	335-360	1/2" x 3"
16	400	17.40-18.40	442-467	1/2" x 3"



Scope

The intent of the specification is to receive a 4” – 16” and up diameter bronze saddle. The saddle furnished shall be equivalent to model 3407 as manufactured by PowerSeal Pipeline Products Corporation.

Design and Material Specification

1. The bronze saddle shall meet or exceed all material specifications as listed below.
2. Top & back saddle parts are cast bronze and shall be attached by way of nut and bolt assembly.
3. There shall be no paper or plastic adhesive labels attached to the saddle, any information appearing on the saddle shall be stenciled.
4. The body of the saddle shall be bronze (85-5-5-5) AWWA C800, top and back.
5. The saddle shall have a Twinseal NBR o-ring gasket ASTM D2000, permanently attached to the panel at the factory.
6. The o-ring 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. NBR resists temperatures of -25 to +248°F.
7. Fully complies with AWWA C800.
8. 3407 Saddles are AIS compliant.

Material Specifications		
Part Name	Material	Mat. specs
Saddle Top	Waterworks Bronze	AWWA C800
Saddle Bottom	Waterworks Bronze	AWWA C800
Bolts	Silicon Bronze	ASTM B98
Nuts	Silicon Bronze	ASTM B98
TwinSeal	NBR	ASTM D2000

PowerSeal saddles are constructed of long-life, corrosion resistant waterworks brass, and are of structural proportions to provide strength to withstand the tapping operation and the support of the service pipe once installed.

Extra wide bearing surfaces give superior support compared to conventional narrow straps, and eliminate concentrated loads, both during tapping and after the service is in use.