



Service Saddle

Single Stainless Steel Strap

315

IMPORTANT LINKS

Click appropriate words to go to:

[Standard Limited Warranty](#)

[Sales Terms & Conditions](#)

[Freight Policy](#)

[Returns Policy](#)

[Corrosion & Product Selection Notice](#)



Description: Single strap, Ductile Iron service saddle with TaperSeal™ gasket and wraparound 304 Stainless Steel strap for added corrosion resistance

Application: For outlets of 5/8" through 2".

Key Features:

- Meets applicable AWWA C800 Standards
- The wide saddle body provides stability on the pipe
- Designed with PVC and other soft or brittle pipe in mind
- The gasket is fully bonded to the cavity to hold it in place
- NPT, CC and other threaded outlets available in sizes 5/8" thru 4"
- Wide band spreads the load over larger area to prevent damage to the pipe when tightening the strap
- A closed lug on one side, combined with the strap, acts as a hinge for easier installation

Materials Specifications (subject to change):

BODIES: Ductile Iron per ASTM A536

STRAPS: Type 304 Stainless Steel. Single Strap, 2" wide

NUTS: Type 304 Stainless Steel fluoropolymer coated

WASHERS: Type 304 Stainless Steel

STUDS: Type 304 Stainless Steel

GASKET: Nitrile (Buna N) NSF 61® compounded to resist oil, acids, alkalies, most (aliphatic) hydrocarbon fluids, water and other chemicals

Temperature Range: -20°F to 180°F

FINISH: Flexi-Coat® Fusion-Bonded Epoxy Finish

Working Pressure: Up to 200 PSI

Pipe Applications: Steel, Ductile Iron (depending on size and application), HDPE (when used with spring washers) Cast Iron, Asbestos Cement, PVC. For other pipe materials, please contact Smith-Blair Engineering.

Taps: 5/8", 3/4", 1", 1 1/4" and 1 1/2" CC Taps; 3/4", 1", 1 1/4", 1 1/2" and 2" NPT taps

Sizes (in inches): Varies by tap type; see tables for size details



315

Service Saddle

Single Stainless Steel Strap

5/8", 3/4" and 1" CC Taps

*Sized for use on C900 PVC Pipe

STANDARD			CATALOG NUMBER			CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	5/8" CC/16 MM	3/4" CC/20 MM	1" CC/25 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
1	1.31-1.39	1	315-00013905-000	315-00013907-000	—	12	25-32	33-35	1
1-1/4-1-1/2	1.61-1.92	1	315-00019205-000	315-00019207-000	315-00019209-000	12	40	41-48	1
2	2.13	2	315-00021305-000	315-00021307-000	315-00021309-000	12	50	54	1
2	2.38	2	315-00023805-000	315-00023807-000	315-00023809-000	12	50	60	1
2	2.35-2.56	2	315-00025605-000	315-00025607-000	315-00025609-000	12	50	60-65	1
2-1/4-2-1/2	2.44-2.91	2	315-00029105-000	315-00029107-000	315-00029109-000	8	57-65	62-73	1
3	2.97-3.54	2	315-00035405-000	315-00035407-000	315-00035409-000	12	80	76-89	1
4	4.40-4.50	3	315-00045005-000	315-00045007-000	315-00045009-000	12	80-100	112-114	1
4	4.40-4.80	4	315-00048005-000	315-00048007-000	315-00048009-000	10	100	111-122	2
4-5	4.74-5.63	3	315-00056305-000	315-00056307-000	315-00056309-000	10	100-125	120-143	2
5-6	5.94-6.70	4	315-00066305-000	315-00066307-000	315-00066309-000	8	125-150	151-170	2
5-6*	5.94-6.90	4	315-00069005-000	315-00069007-000	315-00069009-000	8	125-150	151-175	2
6	6.84-7.60	4	315-00076005-000	315-00076007-000	315-00076009-000	10	150	174-193	2
6-8	7.69-8.72	5	315-00087205-000	315-00087207-000	315-00087209-000	10	150-200	195-221	2
6-8*	7.69-9.05	5	315-00090505-000	315-00090507-000	315-00090509-000	10	150-200	195-230	2
8-10	8.54-10.10	5	315-00101005-000	315-00101007-000	315-00101009-000	10	200-250	217-256	2
10-12	10.64-12.12	5	315-00121205-000	315-00121207-000	315-00121209-000	6	250-300	271-307	3
12	12.75-13.20	6	315-00132005-000	315-00132007-000	315-00132009-000	6	300	324-335	3
12-14	12.62-14.32	7	315-00143205-000	315-00143207-000	315-00143209-000	6	300-350	321-363	3

When sized properly, the designated product (denoted by *) meets Uni-Bell's PVC Pipe Association's "Handbook for PVC Pipe" requirements and AWWA's Manual M23 PVC Pipe and Installation.

3/4" and 1" NPT Taps

*Sized for use on C900 PVC Pipe

STANDARD			CATALOG NUMBER		CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	3/4" NPT/20 MM	1" NPT/25 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
1	1.31-1.39	1	315-00013906-000	—	12	25-32	33-35	1
1-1/4-1-1/2	1.61-1.92	1	315-00019206-000	315-00019208-000	12	40	41-48	1
2	2.13	2	315-00021306-000	315-00021308-000	12	50	54	1
2	2.38	2	315-00023806-000	315-00023808-000	12	50	60	1
2	2.35-2.56	2	315-00025606-000	315-00025608-000	12	50	60-65	1
2-1/4-2-1/2	2.44-2.91	2	315-00029106-000	315-00029108-000	8	57-65	62-73	1
3	2.97-3.54	2	315-00035406-000	315-00035408-000	12	80	76-89	1
4	4.40-4.50	3	315-00045006-000	315-00045008-000	12	100	112-114	1
4	4.40-4.80	4	315-00048006-000	315-00048008-000	10	100	112-122	2
4-5	4.74-5.63	3	315-00056306-000	315-00056308-000	10	100-125	121-143	2
5-6	5.94-6.70	4	315-00066306-000	315-00066308-000	8	125-150	151-170	2
5-6*	5.94-6.90	4	315-00069006-000	315-00069008-000	8	125-150	151-175	2
6	6.84-7.60	5	315-00076006-000	315-00076008-000	8	150	174-193	2
6-8	7.69-8.72	5	315-00087206-000	315-00087208-000	10	150-200	195-221	2
6-8*	7.69-9.05	5	315-00090506-000	315-00090508-000	10	150-200	195-230	2
8-10	8.54-10.10	5	315-00101006-000	315-00101008-000	10	200-250	217-256	2
10-12	10.64-12.12	5	315-00121206-000	315-00121208-000	6	250-300	271-307	3
12*	12.75-13.20	5	315-00132006-000	315-00132008-000	6	300	324-335	3
12-14	12.62-14.32	5	315-00143206-000	315-00143208-000	6	300-350	321-363	3

When sized properly, the designated product (denoted by *) meets Uni-Bell's PVC Pipe Association's "Handbook for PVC Pipe" requirements and AWWA's Manual M23 PVC Pipe and Installation.

1¼" and 1½" CC Taps

*Sized for use on C900 PVC Pipe

STANDARD			CATALOG NUMBER		CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	1-1/4" CC/32 MM	1-1/2" CC/40 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
2	2.35-2.56	2	315-00025611-000	–	6	50	60-65	1
2-1/4-2-1/2	2.44-2.91	3	315-00029111-000	315-00029113-000	6	57-65	62-73	1
3	2.91-2.97	3	315-00035411-000	315-00035413-000	6	80	74-75	1
4	4.40-4.50	4	315-00045011-000	315-00045013-000	6	100	112-114	2
4	4.40-4.80	4	315-00048011-000	315-00048013-000	6	100	112-122	2
4-5	4.74-5.63	5	315-00056311-000	315-00056313-000	6	100-125	121-143	2
5-6	5.94-6.70	5	315-00066311-000	315-00066313-000	6	125-150	151-170	2
5-6*	5.94-6.90	5	315-00069011-000	315-00069013-000	6	125-150	151-175	2
6	6.84-7.60	6	315-00076011-000	315-00076013-000	6	150	174-193	3
6-8	7.69-8.72	6	315-00087211-000	315-00087213-000	6	150-200	195-221	3
6-8*	7.69-9.05	6	315-00090511-000	315-00090513-000	6	150-200	195-230	3
8-10	8.54-10.10	6	315-00101011-000	315-00101013-000	6	200-250	217-256	3
10-12	10.64-12.12	6	315-00121211-000	315-00121213-000	6	250-300	271-307	3
12*	12.75-13.20	6	315-00132011-000	315-00132013-000	6	300	324-335	3
12-14	12.62-14.32	6	315-00143211-000	315-00143213-000	6	300-350	321-363	3

When sized properly, the designated product (denoted by *) meets Uni-Bell's PVC Pipe Association's "Handbook for PVC Pipe" requirements and AWWA's Manual M23 PVC Pipe and Installation.

1¼", 1½" and 2" NPT Taps

*Sized for use on C900 PVC Pipe

STANDARD			CATALOG NUMBER			CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	1-1/4" NPT/32 MM	1-1/2" NPT/40 MM	2" NPT/50 MM		NOM. SIZE MM	O.D. RANGE MM	
2	2.35-2.56	2	315-00025610-000	315-00025612-000	–	6	50	60-65	1
2-1/4-2-1/2	2.44-2.91	3	315-00029110-000	315-00029112-000	–	6	57-65	62-73	1
3	2.97-3.54	3	315-00035410-000	315-00035412-000	–	6	80	76-89	1
4	4.40-4.50	4	315-00045010-000	315-00045012-000	315-00045014-000	6	100	112-114	2
4	4.40-4.80	4	315-00048010-000	315-00048012-000	315-00048014-000	6	100	112-122	2
4-5	4.74-5.63	5	315-00056310-000	315-00056312-000	315-00056314-000	6	100-125	121-143	2
5-6*	5.94-6.70	3	315-00066310-000	315-00066312-000	315-00066314-000	6	125-150	151-170	2
5-6	5.94-6.90	3	315-00069010-000	315-00069012-000	315-00069014-000	6	125-150	151-175	2
6	6.84-7.60	6	315-00076010-000	315-00076012-000	315-00076014-000	6	150	174-193	3
6-8	7.69-8.72	6	315-00087210-000	315-00087212-000	315-00087214-000	6	150-200	195-221	3
6-8*	7.69-9.05	6	315-00090510-000	315-00090512-000	315-00090514-000	6	150-200	195-230	3
8-10	8.54-10.10	6	315-00101010-000	315-00101012-000	315-00101014-000	6	200-250	217-256	3
10-12	10.64-12.12	6	315-00121210-000	315-00121212-000	315-00121214-000	6	250-300	271-307	3
12*	12.75-13.20	6	315-00132010-000	315-00132012-000	315-00132014-000	6	300	324-335	3
12-14	12.62-14.32	7	315-00143210-000	315-00143212-000	315-00143214-000	6	300-350	321-363	3

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BSP Thread Tap Codes

SIZE	CODE NUMBER	EXAMPLE
1/2"	59	3/4" NPT 315-00013906-000
3/4"	50	
1"	51	
1 1/4"	54	
1 1/2"	52	3/4" BSP 315-00013950-000
2"	53	
2 1/2"	55	
3"	56	