



Service Saddle

Double Stainless Steel Strap

317



Description: Double 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 4".

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 fully bonds to the cavity to hold it in place
- NPT, CC and other threaded outlets available in sizes 5/8" thru 4"
- Wide bands spread the load over larger area to prevent damage to the pipe when tightening the straps
- 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. Double Strap 1.50" 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 per AWWA C213

Working Pressure: Up to 150 PSI, depending on size and application

Pipe Applications: Steel, Ductile Iron, Cast Iron, Asbestos Cement, PVC and HDPE (with spring washers)

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

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



Service Saddle

Double Stainless Steel Strap

317

BSP Thread Tap Codes

SIZE	CODE NUMBER	EXAMPLE
1/2"	59	3" NPT 317-00076017-000
3/4"	50	
1"	51	
1 1/4"	54	
1 1/2"	52	3" BSP 317-00076056-000
2"	53	
2 1/2"	55	
3"	56	

3/4" and 1" NPT Taps

*Sized for use on C900 PVC Pipe

STANDARD			CATALOG NUMBER		CTN. QTY	METRIC		
NOM. SIZES INCH- ES	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.
1-1/4-1-1/2	1.61-1.92	3	317-00019206-000	317-00019208-000	6	32-40	41-48	1
2	2.35-2.56	3	317-00025606-000	317-00025608-000	6	50	60-65	1
2-1/4-2-1/2	2.44-2.91	3	317-00029106-000	317-00029108-000	6	57-65	62-73	2
3	2.97-3.54	4	317-00035406-000	317-00035408-000	6	80	76-89	2
3-4	3.74-4.13	6	317-00041306-000	317-00041308-000	6	80-100	95-105	3
4	4.40-4.50	6	317-00045006-000	317-00045008-000	6	100	112-114	3
4*	4.40-4.80	6	317-00048006-000	317-00048008-000	6	100	112-122	3
4-5	5.00-5.63	6	317-00056306-000	317-00056308-000	6	100-125	121-143	3
6	5.94-6.70	6	317-00066306-000	317-00066308-000	6	150	151-170	3
6*	5.94-6.90	6	317-00069006-000	317-00069008-000	4	150	151-175	3
6	6.84-7.60	7	317-00076006-000	317-00076008-000	4	150	174-193	3
6-8	7.69-8.72	8	317-00087206-000	317-00087208-000	4	150-200	195-221	4
6-8*	7.69-9.05	8	317-00090506-000	317-00090508-000	4	150-200	195-230	4
8-10	8.54-10.10	8	317-00101006-000	317-00101008-000	4	200-250	217-256	4
10*	10.75-11.10	9	317-00111006-000	317-00111008-000	4	250	273-282	4
10-12	10.64-12.12	10	317-00121206-000	317-00121208-000	4	250-300	271-307	4
12*	12.75-13.20	9	317-00132006-000	317-00132008-000	4	300	324-335	6
12-14	12.62-14.32	15	317-00143206-000	317-00143208-000	4	300-350	321-363	7
12-14	14.73-15.65	18	317-00156506-000	317-00156508-000	1	300-350	375-397	8
14-16	15.95-17.25	19	317-00172506-000	317-00172508-000	1	350-400	406-438	9
16	17.25-17.80	19	317-00178006-000	317-00178008-000	1	410	438-452	9
16-18	17.40-18.88	19	317-00188806-000	317-00188808-000	1	400-450	442-479	9
18*	19.38-19.68	19	317-00195006-000	317-00195008-000	1	450	492-500	9
20*	21.55-21.65	19	317-00216006-000	317-00216008-000	1	500	547-550	9
24*	25.75-25.85	30	317-00258006-000	317-00258008-000	1	600	654-657	14

When properly sized from the factory, this product (denoted by *) meets the requirements listed in the Uni-Bell PVC Pipe Association's "Handbook of PVC Pipe" and in the AWWA's "Manual M23: PVC Pipe Design and Installation."

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.
1-1/4-1-1/2 2	1.61-1.92 2.35-2.56	3 3	317-00019205-000 317-00025605-000	317-00019207-000 317-00025607-000	317-00019209-000 317-00025609-000	6 6	32-40 50	41-48 60-65	1 1
2-1/4-2-1/2 3 3-4	2.44-2.91 2.97-3.54 3.74-4.13	3 4 6	317-00029105-000 317-00035405-000 317-00041305-000	317-00029107-000 317-00035407-000 317-00041307-000	317-00029109-000 317-00035409-000 317-00041309-000	6 6 6	57-65 80 80-100	62-73 76-89 95-105	2 2 3
4 4* 4-5 6 6* 6	4.40-4.50 4.40-4.80 5.00-5.63 5.94-6.70 5.94-6.90 6.84-7.60	6 6 6 6 6 7	317-00045005-000 317-00048005-000 317-00056305-000 317-00066305-000 317-00069005-000 317-00076005-000	317-00045007-000 317-00048007-000 317-00056307-000 317-00066307-000 317-00069007-000 317-00076007-000	317-00045009-000 317-00048009-000 317-00056309-000 317-00066309-000 317-00069009-000 317-00076009-000	6 6 6 4 4 4	100 100 100-125 150 150 150	112-114 112-122 121-143 151-170 151-175 174-193	3 3 3 3 3 3
6-8 6-8* 8-10 10*	7.69-8.72 7.69-9.05 8.54-10.10 10.75-11.10	8 8 8 9	317-00087205-000 317-00090505-000 317-00101005-000 317-00111005-000	317-00087207-000 317-00090507-000 317-00101007-000 317-00111007-000	317-00087209-000 317-00090509-000 317-00101009-000 317-00111009-000	4 4 4 4	150-200 150-200 200-250 250	195-221 195-230 217-256 273-282	4 4 4 4
10-12* 12* 12-14 12-14 14-16	10.64-12.12 12.75-13.20 12.62-14.32 14.73-15.65 15.95-17.25	10 10 15 18 19	317-00121205-000 317-00132005-000 317-00143205-000 317-00156505-000 317-00172505-000	317-00121207-000 317-00132007-000 317-00143207-000 317-00156507-000 317-00172507-000	317-00121209-000 317-00132009-000 317-00143209-000 317-00156509-000 317-00172509-000	4 4 4 1 1	250-300 300 300-350 300-350 350-400	271-307 324-335 321-363 375-397 406-438	4 7 7 8 9
16 16-18 18* 20* 24	17.25-17.80 17.40-18.88 19.38-19.68 21.55-21.65 25.75-25.85	19 19 19 19 30	317-00178005-000 317-00188805-000 317-00195005-000 317-00216005-000 317-00258005-000	317-00178007-000 317-00188807-000 317-00195007-000 317-00216007-000 317-00258007-000	317-00178009-000 317-00188809-000 317-00195009-000 317-00216009-000 317-00258009-000	1 1 1 1 1	410 400-450 450 500 600	438-452 442-479 492-500 547-550 654-657	9 9 9 9 9

When properly sized from the factory, this product (denoted by *) meets the requirements listed in the Uni-Bell PVC Pipe Association's "Handbook of PVC Pipe" and in the AWWA's "Manual M23: PVC Pipe Design and Installation."

1 1/4", 1 1/2" and 2" 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	2" CC/50 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
2 3	2.35-2.56 2.97-3.54	3 5	317-00025611-000 317-00035411-000	- 317-00035413-000	- -	6 6	50 80	60-65 76-89	1 2
3-4 4 4* 4-5 4-5 6	3.74-4.13 4.40-4.50 4.40-4.80 5.00-5.14 5.00-5.63 5.94-6.70	8 9 9 9 9 9	317-00041311-000 317-00045011-000 317-00048011-000 317-00051411-000 317-00056311-000 317-00066311-000	317-00041313-000 317-00045013-000 317-00048013-000 317-00051413-000 317-00056313-000 317-00066313-000	317-00041315-000 317-00045015-000 317-00048015-000 317-00051415-000 317-00056315-000 317-00066315-000	6 6 6 6 6 4	80-100 100 100 100-125 100-125 150	95-105 112-114 112-122 120-130 121-143 151-170	3 3 3 3 4 4
6* 6 6-8 6-8* 8-10 10*	5.94-6.90 6.84-7.60 7.69-8.72 7.64-9.05 8.54-10.10 10.75-11.10	9 8 11 11 9 11	317-00069011-000 317-00076011-000 317-00087211-000 317-00090511-000 317-00101011-000 317-00111011-000	317-00069013-000 317-00076013-000 317-00087213-000 317-00090513-000 317-00101013-000 317-00111013-000	317-00069015-000 317-00076015-000 317-00087215-000 317-00090515-000 317-00101015-000 317-00111015-000	4 4 4 4 4 4	150 150 150-200 150-200 200-250 250	151-175 174-193 195-221 195-230 217-256 273-282	4 4 5 5 4 4
10-12 12* 12-14	10.64-12.12 12.75-13.20 12.62-14.32	11 14 14	317-00121211-000 317-00132011-000 317-00143211-000	317-00121213-000 317-00132013-000 317-00143213-000	317-00121215-000 317-00132015-000 317-00143215-000	4 4 4	250-300 300 300-350	271-307 324-335 321-363	5 6 6
12-14 14-16 16 16-18 18* 20* 24*	14.73-15.65 15.95-17.25 17.25-17.80 17.40-18.88 19.38-19.68 21.55-21.65 25.75-25.85	18 19 19 19 19 19 30	317-00156511-000 317-00172511-000 317-00178011-000 317-00188811-000 317-00195011-000 317-00216011-000 317-00258011-000	317-00156513-000 317-00172513-000 317-00178013-000 317-00188813-000 317-00195013-000 317-00216013-000 317-00258013-000	317-00156515-000 317-00172515-000 317-00178015-000 317-00188815-000 317-00195015-000 317-00216015-000 317-00258015-000	1 1 1 1 1 1 1	300-350 350-400 410 400-450 450 500 600	375-397 406-438 438-452 442-479 492-500 547-500 654-657	8 9 9 9 9 9 9

When properly sized from the factory, this product (denoted by *) meets the requirements listed in the Uni-Bell PVC Pipe Association's "Handbook of PVC Pipe" and in the AWWA's "Manual M23: PVC Pipe Design and Installation."

1¼", 1½", 2" and 2½" 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	2-1/2" NPT/65 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
2	2.35-2.56	3	317-00025610-000	317-00025612-000	-	-	6	50	60-65	1
3	2.97-3.54	5	317-00035410-000	317-00035412-000	317-00035414-000	-	6	80	76-89	2
3-4	3.74-4.13	8	317-00041310-000	317-00041312-000	317-00041314-000	317-00041316-000	6	80-100	95-105	3
4	4.40-4.50	6	317-00045010-000	317-00045012-000	317-00045014-000	317-00045016-000	6	100	112-114	3
4*	4.40-4.80	6	317-00048010-000	317-00048012-000	317-00048014-000	317-00048016-000	6	100	112-122	3
4-5	4.74-5.14	6	317-00051410-000	317-00051412-000	317-00051414-000	317-00051416-000	6	100	120-130	3
4-5	5.00-5.63	9	317-00056310-000	317-00056312-000	317-00056314-000	317-00056316-000	4	100-125	121-143	4
6	6.94-6.70	9	317-00066310-000	317-00066312-000	317-00066314-000	317-00066316-000	4	150	151-170	4
6*	5.94-6.90	9	317-00069010-000	317-00069012-000	317-00069014-000	317-00069016-000	4	150	151-175	4
6	6.84-7.60	7	317-00076010-000	317-00076012-000	317-00076014-000	317-00076016-000	4	150	174-193	3
6-8	7.69-8.72	11	317-00087210-000	317-00087212-000	317-00087214-000	317-00087216-000	4	150-200	195-221	5
6-8*	7.69-9.05	11	317-00090510-000	317-00090512-000	317-00090514-000	317-00090516-000	4	150-200	195-230	5
8-10	8.54-10.10	9	317-00101010-000	317-00101012-000	317-00101014-000	317-00101016-000	4	200-250	217-256	4
10*	10.75-11.10	9	317-00111010-000	317-00111012-000	317-00111014-000	317-00111016-000	4	250	273-282	5
10-12	10.64-12.12	11	317-00121210-000	317-00121212-000	317-00121214-000	317-00121216-000	4	250-300	271-307	5
12*	12.75-13.20	9	317-00132010-000	317-00132012-000	317-00132014-000	317-00132016-000	4	300	324-335	6
12-14	12.62-14.32	14	317-00143210-000	317-00143212-000	317-00143214-000	317-00143216-000	4	300-350	321-363	6
12-14	14.73-15.65	18	317-00156510-000	317-00156512-000	317-00156514-000	317-00156516-000	1	300-350	375-397	8
14-16	15.95-17.25	19	317-00172510-000	317-00172512-000	317-00172514-000	317-00172516-000	1	350-400	406-438	9
16	17.25-17.80	19	317-00178010-000	317-00178012-000	317-00178014-000	317-00178016-000	1	410	438-452	9
16-18	17.40-18.88	19	317-00188810-000	317-00188812-000	317-00188814-000	317-00188816-000	1	400-450	442-479	9
18*	19.38-19.68	19	317-00195010-000	317-00195012-000	317-00195014-000	317-00195016-000	1	450	492-500	9
20*	21.55-21.65	19	317-00216010-000	317-00216012-000	317-00216014-000	317-00216016-000	1	500	547-500	9
24*	25.75-25.85	30	317-00258010-000	317-00258012-000	317-00258014-000	317-00258016-000	1	600	654-657	14

When properly sized from the factory, this product (denoted by *) meets the requirements listed in the Uni-Bell PVC Pipe Association's "Handbook of PVC Pipe" and in the AWWA's "Manual M23: PVC Pipe Design and Installation."

3" and 4" 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" NPT/80 MM	4" NPT/100 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
6	6.84-7.60	13	317-00076017-000	317-00076018-000	2	150	174-193	6
8-10	8.54-10.10	15	317-00101017-000	317-00101018-000	3	200-250	217-256	7
10*	10.75-11.10	14	-	-	-	-	-	-
10-12	11.30-12.12	14	317-00121217-000	317-00121218-000	2	250-300	271-307	6
12*	12.75-13.20	18	-	-	-	-	-	-
12-14	13.40-14.32	18	317-00143217-000	317-00143218-000	2	300-350	321-363	8

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