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GALVANIZED, BLACK, ALUMINUM, POLY CRIMP
GALVANIZED *and* ALUMINUM PIPE • STORAGE • SPECIALTY



Wil-loc[®]
INDUSTRIAL PLUMBING

Wil-loc[®] takes pride in our ability to provide the right system components for most industrial plumbing applications. For municipal, industrial, construction, irrigation, and mining applications, Wil-loc sales and service personnel call on years of experience in the field. Our innovative product line and large inventory of couplings, pipe and material handling solutions will help you begin to reduce your operating expenses immediately.

DRIVING OPERATIONAL COSTS DOWN

The Wil-loc Ball & Socket Coupling System has become the preferred coupling method in the industrial plumbing industry, for its ease of use and unrivaled dependability. See the advantage in the catalog and contact our team to talk more!



SCAN CODE FOR INFORMATION
DELIVERED TO YOUR SMARTPHONE

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SIZE	PART NUMBER	WEIGHT
GALVANIZED HOSE SET ASSEMBLY*		
2"	275 HSA2	02.60 lbs
3"	275 HSA3	05.10 lbs
4"	275 HSA4	11.55 lbs
5"	275 HSA5	16.60 lbs
6"	275 HSA6	21.85 lbs
8"	275 HSA8	35.15 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED BALL / MALE HOSE END*		
2"	260 HTM2	0.80 lbs
3"	260 HTM3	1.45 lbs
4"	260 HTM4	3.45 lbs
5"	260 HTM5	4.75 lbs
6"	260 HTM6	5.90 lbs
8"	260 HTM8	10.45 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED SOCKET / FEMALE HOSE END*		
2"	270 HTF2	0.80 lbs
3"	270 HTF3	1.04 lbs
4"	270 HTF4	3.60 lbs
5"	270 HTF5	5.40 lbs
6"	270 HTF6	6.65 lbs
8"	270 HTF8	11.55 lbs



*Wil-loc has the original wedge shaped barb on the 4", 6" & 8" sizes.

SIZE	PART NUMBER	WEIGHT
GALVANIZED LOCKING LEVER		
2"	273 LR2	1.00 lbs
3"	273 LR3	2.25 lbs
4"	273 LR4	4.40 lbs
5"	273 LR5	6.45 lbs
6"	273 LR6	9.35 lbs
8"	273 LR8	13.15 lbs



SIZE	PART NUMBER	WEIGHT
O-RING		
2"	280 OR2	0.05 lbs
3"	280 OR3	0.10 lbs
4"	280 OR4	0.20 lbs
5"	280 OR5	0.20 lbs
6"	280 OR6	0.45 lbs
8"	280 OR8	0.55 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED DOUBLE HOSE CONNECTION		
2"	278 DHC2	1.00 lbs
3"	278 DHC3	1.15 lbs
4"	278 DHC4	3.95 lbs
6"	278 DHC6	6.80 lbs
8"	278 DHC8	14.70 lbs



VACUUM RATING
30 inches hg

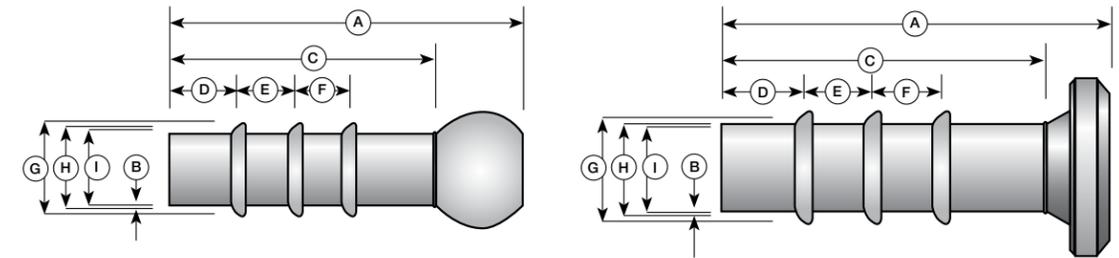
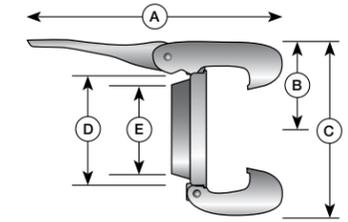
PRESSURE RATING
2 & 3 inch = 290 psi
4 - 8 inch = 175 psi

NUMBER OF RIBS
2 & 3 inch = 2
4 - 8 inch = 3

LEVER MECHANICAL SPECS

Specifications to 1/100th of an Inch // Specs Subject to Change

SIZE	A	B	C	D	E
2" 50mm x 50mm	7.09	3.35	4.92	3.94	2.44
3" 76mm x 76mm	9.25	3.54	7.09	5.31	3.43
4" 108mm x 100mm	10.83	6.69	9.25	7.48	5.20
5" 133mm x 125mm	11.41	5.51	10.83	8.07	5.91
6" 159mm x 150mm	13.39	6.30	11.81	9.06	6.69
8" 194mm x 200mm	13.19	9.06	13.98	10.04	8.66



*Wil-loc has the original wedge shaped hose barb on the 4", 6" & 8" sizes.

MALE MECHANICAL SPECS

Hose Set Specifications to 1/100th of an Inch // Specifications Subject to Change

SIZE	A	B	C	D	E	F	G	H	I
2" 50mm x 50mm	6.50	0.06	4.33	0.98	1.38		2.09	1.97	1.85
3" 76mm x 76mm	8.07	0.06	5.31	1.38	1.38		3.11	2.99	2.87
4" 108mm x 100mm	11.42	0.07	7.28	1.38	1.77	1.77	4.09	3.94	3.80
5" 133mm x 125mm	11.61	0.07	7.87	1.38	1.77	1.77	5.08	4.92	4.78
6" 159mm x 150mm	12.40	0.07	8.46	1.57	1.97	1.97	6.06	5.91	5.77
8" 194mm x 200mm	14.96	0.08	9.84	1.97	2.36	2.36	8.11	7.87	7.71

FEMALE MECHANICAL SPECS

Hose Set Specifications to 1/100th of an Inch // Specifications Subject to Change

SIZE	A	C	D	E	F	G	H	I	S
2" 50mm x 50mm	5.51	4.33	0.98	1.38		2.09	1.97	1.85	0.06
3" 76mm x 76mm	6.69	5.31	1.38	1.38		3.11	2.99	2.87	0.06
4" 108mm x 100mm	9.45	7.28	1.38	1.77	1.77	4.09	3.94	3.80	0.07
5" 133mm x 125mm	10.04	7.87	1.38	1.77	1.77	5.08	4.92	4.78	0.07
6" 159mm x 150mm	10.43	8.46	1.57	1.97	1.97	6.06	5.91	5.77	0.07
8" 194mm x 200mm	12.99	9.84	1.97	2.36	2.36	8.11	7.87	7.71	0.08

TECH TIP

Wil-loc couplings have a higher working pressure rating than typical cam-lock or other quick action couplings. Typical cam-lock: 2" = 250psi, 3" = 125psi, 4" = 100psi, 5" = 75psi and 6" = 75psi. Check with your manufacturer for specific ratings.

GALVANIZED HOSE SET ASSEMBLY

SIZE	PART NUMBER	WEIGHT
10"	276 HSA10	54.60 lbs
12"	276 HSA12	88.05 lbs

12" Galvanized Locking Bar sold separately.



10" HOSE SET SHOWN

GALVANIZED BALL / MALE HOSE TAIL W/ LOCKING RING

SIZE	PART NUMBER	WEIGHT
10"	261 HTM10	21.20 lbs
12"	261 HTM12	44.55 lbs

All 10" and 12" A-Style Male Hose Tails come with a locking ring.



GALVANIZED SOCKET / FEMALE HOSE TAIL W/ O-RING

SIZE	PART NUMBER	WEIGHT
10"	271 HTF10	25.55 lbs
12"	271 HTF12	43.50 lbs

12" Galvanized Locking Bar sold separately.



10" FEMALE SHOWN

GALVANIZED LOCKING RING

SIZE	PART NUMBER	WEIGHT
10"	251 G10R	8.35 lbs
12"	251 G12R	14.10 lbs



O-RING

SIZE	PART NUMBER	WEIGHT
10"	281 OR10	1.05 lbs
12"	281 OR12	1.55 lbs



GALVANIZED DOUBLE HOSE CONNECTION

SIZE	PART NUMBER	WEIGHT
10"	278 DHC10	
12"	278 DHC12	22.45 lbs



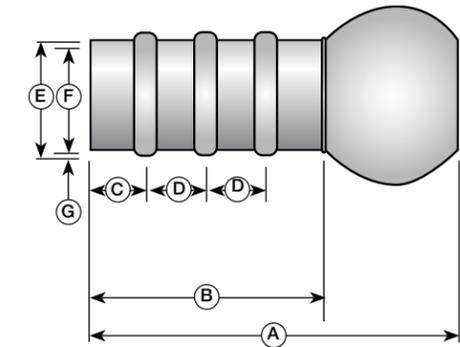
VACUUM RATING
30 inches hg

PRESSURE RATING
88 psi

NUMBER OF RIBS
3



A-STYLE LOCKING RING



MALE MECHANICAL SPECS

Hose Set Specifications to 1/100th of an Inch // Specifications Subject to Change

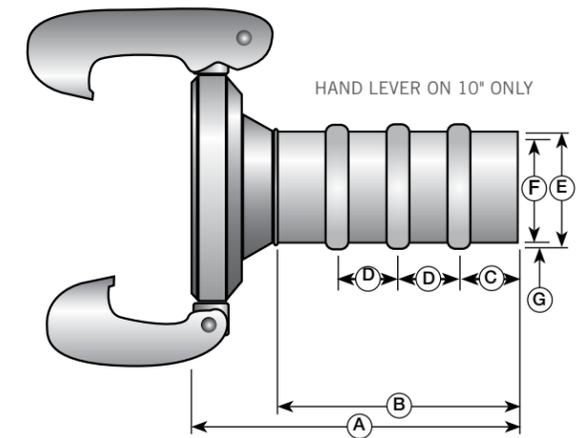
SIZE	A	B	C	D	E	F	G
10" 250mm x 150mm	18.11	11.81	2.35	3.15	10.08	9.84	0.98
12" 300mm x 300mm	20.10	11.81	2.35	3.15	12.05	11.81	0.98



12" FEMALE HOSE TAIL



10" FEMALE HOSE TAIL



FEMALE MECHANICAL SPECS

Hose Set Specifications to 1/100th of an Inch // Specifications Subject to Change

SIZE	A	B	C	D	E	F	G
10" 250mm x 150mm	15.85	11.81	2.35	3.15	10.08	9.84	0.98
12" 300mm x 300mm	16.95	11.81	2.35	3.15	12.05	11.81	0.98

TECH TIP

For easier coupling (especially of larger sizes) lubricate O-rings with Wil-lube (as seen in Specialty section). This will allow the ball to seat into the socket easier during first time usage.

Double hose connections provide a quick, inexpensive way to repair leaks in the field. Cut the leak area out of the lay-flat hose, insert the double hose connection and use two Wil-loc T-Bolt clamps per end to clamp the lay-flat onto double connection.

SIZE	PART NUMBER	WEIGHT
GALVANIZED MALE THREADED LONG BALL / MALE W/ LOCKING LEVER		
2"	020 BMT2	3.00 lbs
3"	020 BMT3	6.70 lbs
4"	020 BMT4	10.40 lbs
6"	020 BMT6	22.45 lbs
8"	020 BMT8	37.55 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED MALE THREADED SHORT BALL / MALE W/ LOCKING LEVER		
2"	022 BMT2	2.00 lbs
3"	022 BMT3	4.05 lbs
4"	022 BMT4	7.70 lbs
6"	022 BMT6	15.90 lbs
8"	022 BMT8	25.15 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED FEMALE THREADED SHORT BALL / MALE W/ LOCKING LEVER		
2"	025 BFTA2	3.00 lbs
3"	025 BFTA3	6.02 lbs
4"	025 BFTA4	12.25 lbs
6"	025 BFTA6	26.20 lbs
8"	025 BFTA8	50.60 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED MALE THREADED SOCKET / FEMALE		
2"	040 SMT2	1.10 lbs
3"	040 SMT3	1.75 lbs
4"	040 SMT4	3.50 lbs
6"	040 SMT6	6.80 lbs
8"	040 SMT8	14.05 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED FEMALE THREADED SOCKET / FEMALE		
2"	045 SFTA2	2.05 lbs
3"	045 SFTA3	5.10 lbs
4"	045 SFTA4	8.05 lbs
6"	045 SFTA6	17.10 lbs
8"	045 SFTA8	39.50 lbs

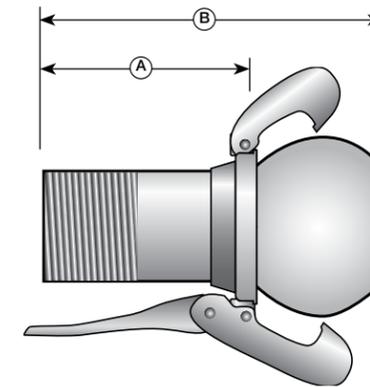


SIZE	PART NUMBER	WEIGHT
LEVER LOCKING SAFETY PINS		
2"	009 LLSP2	N/A
3"- 4"	009 LLSP3-4	N/A
6"- 8"	009 LLSP6-8	N/A

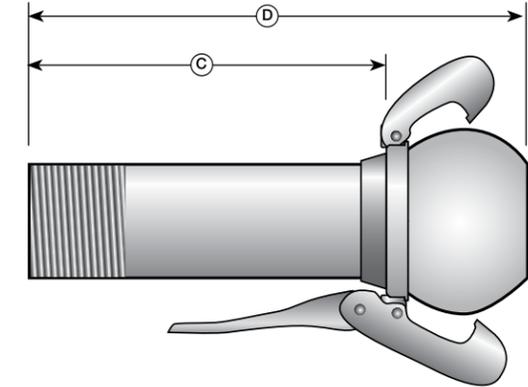


VACUUM RATING 30 inches hg	PRESSURE RATING 2 - 3" = 290 psi 4 - 8" = 175 psi	THREADED PATTERN NPT
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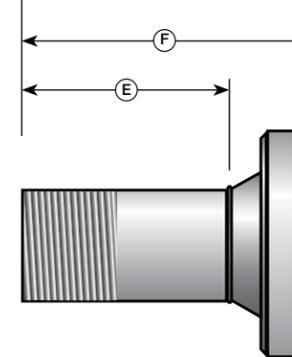
022 SERIES



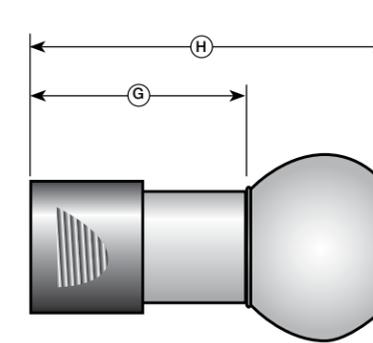
020 SERIES



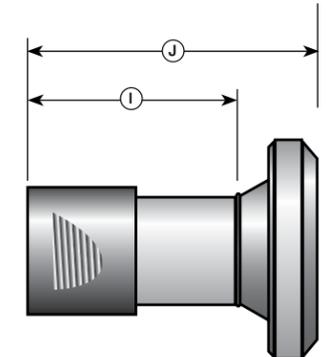
040 SERIES



025 SERIES



045 SERIES



NPT MECHANICAL SPECS

Specifications to 1/8th of an Inch // Specifications subject to change

SIZE	A	B	C	D	E	F	G	H	I	J
2" 50mm x 50mm	2.76	4.92	5.51	7.67	2.76	3.98	4.35	6.50	4.35	5.50
3" 76mm x 76mm	2.76	5.59	6.69	9.53	2.76	4.13	4.62	7.50	4.62	6.00
4" 108mm x 100mm	2.76	7.00	6.69	10.94	2.76	4.92	5.42	9.63	5.42	7.50
6" 159mm x 150mm	3.94	8.03	9.45	13.54	3.94	5.91	6.89	11.00	6.89	8.87
8" 194mm x 200mm	3.94	9.17	9.06	14.29	3.94	7.17	8.22	13.50	8.22	11.50

TECH TIP

Wil-loc offers two different threaded shanks for the male connections. The 020 Series allows the locking ring lever to close above the male NPT threads. The 022 Series locking lever closes below the male NPT threads. Check application clearance before choosing the correct fit.

Before installing a Wil-loc threaded fitting, apply an all-purpose anti-seize product to threads. If the fitting should have to be removed from the pump, the anti-seize product can prevent seizure of the threads.

SIZE	PART NUMBER	WEIGHT
GALVANIZED DISCHARGE FLANGE BALL / MALE		
3"	010 F3M	11.60 lbs
4"	010 F4M	17.15 lbs
6"	010 F6M	27.90 lbs
8"	010 F8M	39.85 lbs
All flanges are designed to ASA 150 series hole specifications.		



SIZE	PART NUMBER	WEIGHT
GALVANIZED SUCTION FLANGE SOCKET / FEMALE		
3"	030 F3F	8.90 lbs
4"	030 F4F	12.05 lbs
6"	030 F6F	16.00 lbs
8"	030 F8F	24.30 lbs
All flanges are designed to ASA 150 series hole specifications.		



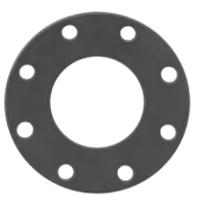
SIZE	PART NUMBER	WEIGHT
GALVANIZED REDUCING FLANGE - MALE / FEMALE		
6"	033 F6-4M	23.25 lbs
8"	033 F8-6M	43.75 lbs
6"	032 F6-4F	14.00 lbs
8"	032 F8-6F	22.00 lbs
All flanges are designed to ASA 150 series hole specifications.		



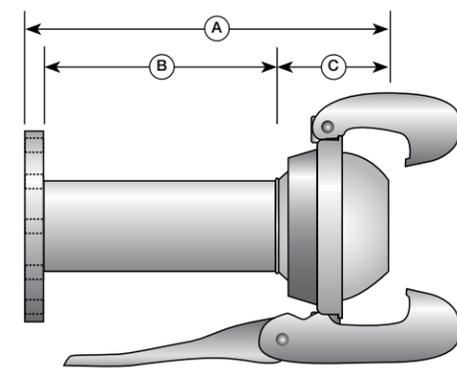
SIZE	PART NUMBER	WEIGHT
GALVANIZED INCREASING FLANGE - MALE / FEMALE		
4"	033 F4-6M	16.00 lbs
6"	033 F6-8M	30.00 lbs
4"	032 F4-6F	26.75 lbs
6"	032 F6-8F	16.45 lbs
All flanges are designed to ASA 150 series hole specifications.		



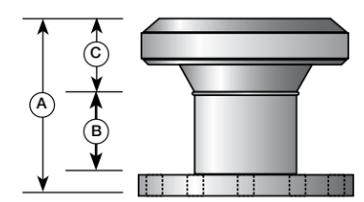
SIZE	PART NUMBER	WEIGHT
FLANGE NEOPRENE GASKET		
3"	288 FGN3	0.20 lbs
4"	288 FGN4	0.30 lbs
6"	288 FGN6	0.35 lbs
8"	288 FGN8	0.55 lbs
10"	289 FGN10	0.70 lbs
12"	289 FGN12	1.00 lbs
1/8th inch thickness. 1/4th inch thickness available / full faced.		



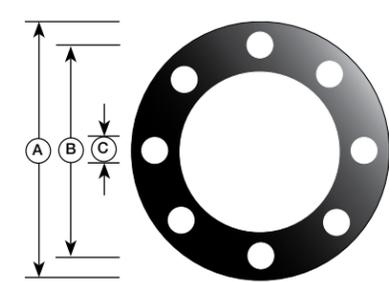
VACUUM 30 inches hg	PRESSURE RATING 3" = 290 psi 4 - 8" = 175 psi	NUMBER OF HOLES 3" has 4 bolt holes 4 - 8" has 8 bolt holes	FLANGE PATTERN ASA 150
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MALE FLANGE SPECS			
Specs to 1/8" & subject to change			
SIZE	A	B	C
3"	10.00	6.50	2.88
4"	11.88	7.00	3.50
6"	13.63	9.00	4.00
8"	15.63	9.88	5.25



FEMALE FLANGE SPECS			
Specs to 1/8" & subject to change			
SIZE	A	B	C
3"	4.63	2.75	1.38
4"	6.50	4.00	2.25
6"	6.50	4.00	2.25
8"	7.75	4.00	3.25



ASA FLANGE SPECS			
Specs to 1/8" & subject to change			
SIZE	A	B	C
3"	7.50	6.00	0.75
4"	9.00	7.50	0.75
6"	11.00	9.50	0.875
8"	13.50	11.95	0.875

TECH TIP

Wil-loc flange fittings are manufactured to ASA 150 pattern specifications. Gaskets should be used when mounting the flange fittings to a pump. If your pumps require other flange types or sizes, please contact your Wil-loc representative or dealer.

Wil-loc increasing flanges allow quick connection of high flow pumps to larger discharge lines. Higher flows can be achieved because larger diameter pipe decreases friction losses.

GALVANIZED DISCHARGE FLANGE BALL / MALE

SIZE	PART NUMBER	WEIGHT
10"	011 F10M	41.60 lbs
12"	011 F12M	64.35 lbs

All flanges are designed to ASA hole specifications.



GALVANIZED SUCTION FLANGE SOCKET / FEMALE

SIZE	PART NUMBER	WEIGHT
10"	031 F10F	39.20 lbs
12"	031 F12F	78.80 lbs

All flanges are designed to ASA hole specifications.
12" Galvanized Locking Bar sold separately.



10" A-STYLE SHOWN

INCREASING & REDUCING FLANGE BALL / MALE

SIZE	PART NUMBER	WEIGHT
10"	034 F10-12M	90.00 lbs
12"	034 F12-10M	54.75 lbs

All flanges are designed to ASA hole specifications.



INCREASING & REDUCING FLANGE SOCKETS / FEMALE

SIZE	PART NUMBER	WEIGHT
10"	035 F10-12F	93.00 lbs
12"	035 F12-10F	53.50 lbs

All flanges are designed to ASA hole specifications.



12" A-STYLE SHOWN

A-STYLE GALVANIZED LOCKING BAR

SIZE	PART NUMBER	WEIGHT
12"	258 GH	2.00 lbs
12"	258 GB	1.45 lbs

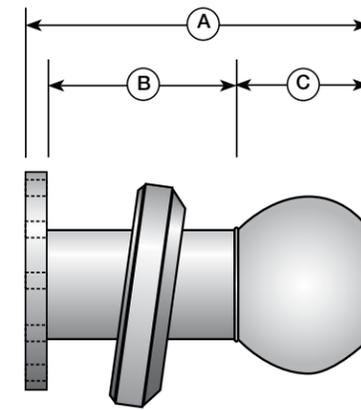


VACUUM
30 inches hg

PRESSURE RATING
88 psi

FLANGE PATTERN
ASA 150

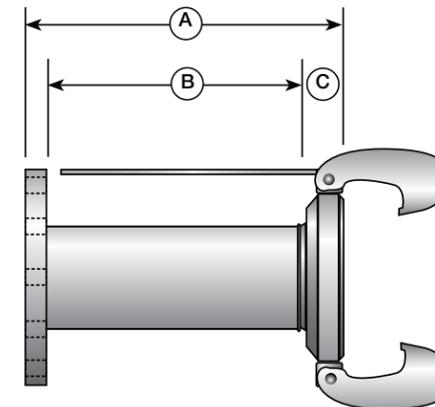
NUMBER OF HOLES
12 bolt holes
THREAD PATTERN
NPT



A-STYLE FLANGE BALL SPECS

Specs to 1/8" & subject to change

SIZE	A	B	C
10"	12.45	5.50	6.00
12"	14.25	5.45	8.00



A-STYLE FLANGE SOCKET SPECS

Specs to 1/8" & subject to change

SIZE	A	B	C
10"	14.00	9.40	4.00
12"	17.70	12.00	5.00

HAND LEVER ON 10" ONLY

TECH TIP

The quick action and flexibility of 10" and 12" Wil-loc Couplings provides the end user with significant advantages over Victaulic or flanged methods previously used on large line applications.

Wil-loc full-face neoprene gaskets provide superior sealing and longevity compared to half-face flange gaskets.

For easier coupling (especially of larger sizes) lubricate O-rings with Wil-lube (as seen in Specialty section).

This will allow the ball to seat into the socket easier during first time usage.

SIZE	PART NUMBER	WEIGHT
GALVANIZED 90° ELBOW		
2"	070 E2-90	2.65 lbs
3"	070 E3-90	5.20 lbs
4"	070 E4-90	10.85 lbs
6"	070 E6-90	22.15 lbs
8"	070 E8-90	32.45 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED 60° ELBOW		
2"	075 E2-60	2.30 lbs
3"	075 E3-60	4.65 lbs
4"	075 E4-60	10.05 lbs
6"	075 E6-60	20.00 lbs
8"	075 E8-60	26.00 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED 45° ELBOW		
2"	080 E2-45	2.15 lbs
3"	080 E3-45	4.40 lbs
4"	080 E4-45	9.30 lbs
6"	080 E6-45	18.20 lbs
8"	080 E8-45	28.10 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED 30° ELBOW		
2"	085 E2-30	2.00 lbs
3"	085 E3-30	4.50 lbs
4"	085 E4-30	10.00 lbs
6"	085 E6-30	17.75 lbs
8"	085 E8-30	30.00 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED A-STYLE 90° ELBOW		
10"	086 E10-90	50.00 lbs
12"	086 E12-90	81.00 lbs
12" Galvanized Locking Bar sold separately. Locking bars shown on page A-5.		

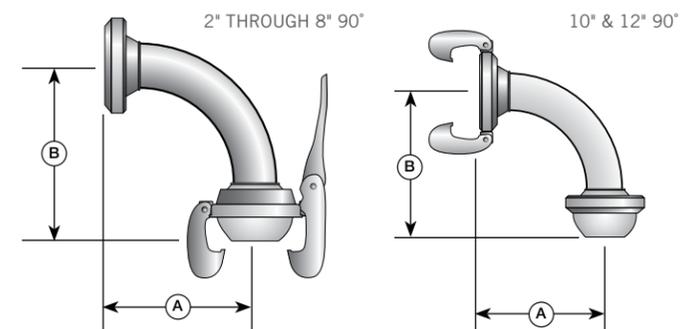


45° A-STYLE ELBOW

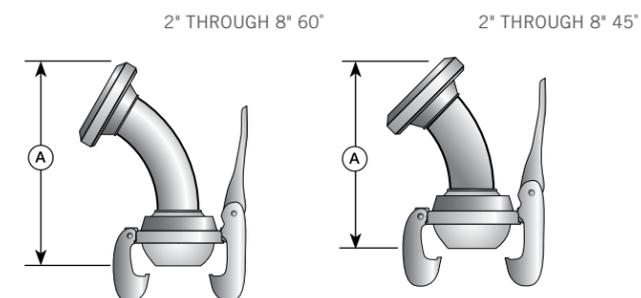
SIZE	PART NUMBER	WEIGHT
GALVANIZED A-STYLE 45° ELBOW		
10"	086 E10-45	44.00 lbs
12"	086 E12-45	71.75 lbs
12" Galvanized Locking Bar sold separately.		

VACUUM
30 inches hg

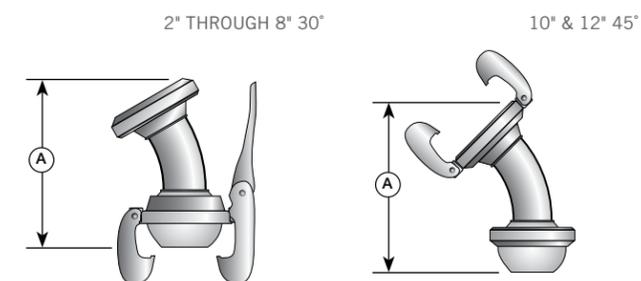
PRESSURE RATING
2 – 3" = 290 psi
4 – 8" = 175 psi
10 – 12" = 88 psi



90° ELBOW SPECS Specifications to 1/8" & subject to change		
SIZE	A	B
2"	7.91	8.86
3"	9.33	10.75
4"	12.95	14.84
6"	18.58	20.59
8"	16.38	18.39
10"	17.72	20.12
12"	18.31	21.73



30°, 45° & 60° ELBOW SPECS Specifications to 1/8" & subject to change			
SIZE	A (30°)	A (45°)	A (60°)
2"	9.07	8.07	6.69
3"	11.02	9.84	8.27
4"	15.75	14.17	9.45
6"	20.47	17.72	14.37
8"	19.69	17.52	14.76
10"	22.64	20.47	17.72
12"	24.80	22.83	20.08



TECH TIP

When connecting ball and socket coupled hoses and fittings to a pump, position the locking jaws of the lever locking ring as close to 12 o'clock and 6 o'clock (in other words, top and bottom) as possible.

Wil-loc elbows allow smooth transitions through bends and turns on suction or discharge lines. Using Wil-loc elbows will reduce the wear of your hose and eliminate flow restrictions caused by kinking of lay-flat hose.

For easier coupling (especially of larger sizes) lubricate O-rings with Wil-lube (as seen in Specialty section). This will allow the ball to seat into the socket easier during first time usage.



B-STYLE COUPLING SHOWN

SIZE	PART NUMBER	WEIGHT
GALVANIZED INCREASER W/ LOCKING LEVER		
2" x 3"	150 IN2-3M	3.70 lbs
2" x 4"	150 IN2-4M	7.90 lbs
3" x 4"	150 IN3-4M	7.50 lbs
3" x 6"	150 IN3-6M	14.75 lbs
3" x 8"	150 IN3-8M	23.40 lbs
4" x 6"	150 IN4-6M	15.25 lbs
4" x 8"	150 IN4-8M	24.55 lbs
6" x 8"	150 IN6-8M	25.45 lbs

SIZE	PART NUMBER	WEIGHT	CONVERSION
GALVANIZED A-STYLE INCREASER			
8" x 10"	151 IN8-10M	50.00 lbs	B-Style to A-Style
8" x 12"	151 IN8-12M	74.00 lbs	B-Style to A-Style
10" x 12"	151 IN10-12M	98.50 lbs	A-Style to A-Style

12" Galvanized Locking Bar sold separately.

SIZE	PART NUMBER	WEIGHT
GALVANIZED REDUCER		
3" x 2"	160 R3-2M	2.65 lbs
4" x 3"	160 R4-3M	5.70 lbs
6" x 2"	160 R6-2M	6.55 lbs
6" x 3"	160 R6-3M	9.65 lbs
6" x 4"	160 R6-4M	10.95 lbs
8" x 2"	160 R8-2M	9.30 lbs
8" x 3"	160 R8-3M	16.20 lbs
8" x 4"	160 R8-4M	18.15 lbs
8" x 6"	160 R8-6M	21.85 lbs



B-STYLE COUPLING SHOWN

SIZE	PART NUMBER	WEIGHT	CONVERSION
GALVANIZED A-STYLE REDUCER			
10" x 8"	161 R10-8M	71.30 lbs	A-Style to B-Style
12" x 8"	161 R12-8M	102.50 lbs	A-Style to B-Style
12" x 10"	161 R12-10M	160.00 lbs	A-Style to A-Style

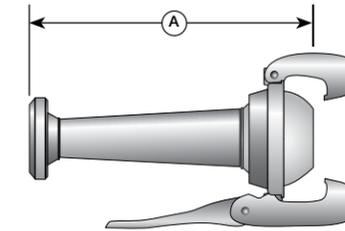
12" Galvanized Locking Bar sold separately.

SIZE	PART NUMBER	WEIGHT
GALVANIZED MODULAR S-BEND		
4"	162 SBMA4	68.00 lbs
6"	162 SBMA6	81.00 lbs
8"	162 SBMA8	125.00 lbs



VACUUM
30 inches hg

PRESSURE RATING
2 - 3" = 290 psi
4 - 8" = 175 psi
10 - 12" = 88 psi

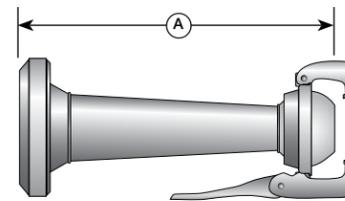


INCREASER SPECS
Specifications to 1/8" & subject to change

SIZE	A
2" x 3"	9.84
3" x 4"	11.42
4" x 6"	12.00
6" x 8"	16.34
8" x 10"	21.75
8" x 12"	23.50
10" x 12"	24.75

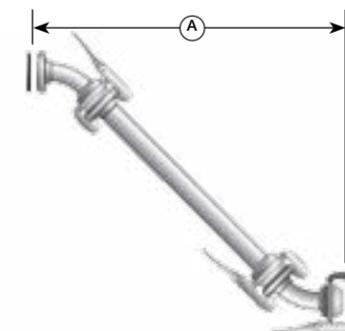
REDUCER SPECS
Specifications to 1/8" & subject to change

SIZE	A
3" x 2"	9.25
4" x 3"	11.23
6" x 2"	9.84
6" x 3"	11.02
6" x 4"	12.00
8" x 2"	13.00
8" x 3"	13.00
8" x 4"	17.32
8" x 6"	16.54
10" x 8"	22.50
12" x 8"	23.00
12" x 10"	24.00



S-BEND SPECS
Specifications to 1/8" & subject to change

SIZE	A
4"	61.00
6"	70.00
8"	72.00



TECH TIP

Wil-loc reducers and increasers are manufactured with a cone-shaped pipe, which allows for less flow restriction and smoother transition from one size to another.

Wil-loc modular S-Bends provide a smooth transition from a pump's discharge outlet to ground level. Combination of two 45-degree elbows and short pipe allows for maximum flexibility to accommodate unique job sites and ground conditions.



SIZE	PART NUMBER	WEIGHT
GALVANIZED STND T's WITH MALE / BALL CONNECTION		
2"	060 T2M	4.70 lbs
3"	060 T3M	9.00 lbs
4"	060 T4M	22.00 lbs
6"	060 T6M	34.25 lbs
8"	060 T8M	55.45 lbs
10"	061 T10M	N/A
12"	061 T12M*	135.00 lbs
12" Galvanized Locking Bar sold separately.		



SIZE	PART NUMBER	WEIGHT
GALVANIZED T's WITH FEMALE / SOCKET CONNECTION		
2"	050 T2F	3.25 lbs
3"	050 T3F	6.60 lbs
4"	050 T4F	13.60 lbs
6"	050 T6F	24.30 lbs
8"	050 T8F	43.00 lbs
10"	054 T10F	N/A
12"	054 T12F*	125.00 lbs
12" Galvanized Locking Bar sold separately.		



SIZE	PART NUMBER	WEIGHT
GALVANIZED INLINE T's WITH MALE / BALL CONNECTION		
2"	051 LT2M	3.65 lbs
3"	051 LT3M	6.65 lbs
4"	051 LT4M	13.90 lbs
6"	051 LT6M	26.40 lbs
8"	051 LT8M	43.90 lbs
10"	052 LT10M	N/A
12"	052 LT12M*	125.00 lbs
12" Galvanized Locking Bar sold separately.		



SIZE	PART NUMBER	WEIGHT
GALVANIZED DOUBLE FEMALE Y's - MALE / BALL		
4"	064 YM4	19.15 lbs
6"	064 YM6	32.40 lbs
8"	064 YM8	43.45 lbs
10"	065 YM10	117.00 lbs
12"	065 YM12*	204.00 lbs
12" Galvanized Locking Bar sold separately.		

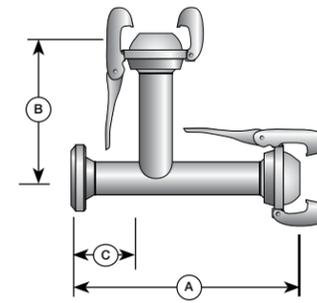
B-STYLE COUPLING SHOWN



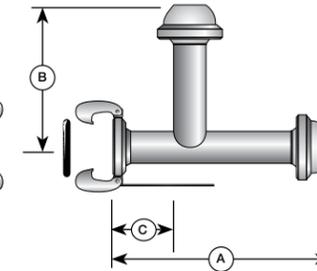
SIZE	PART NUMBER	WEIGHT
A-STYLE GALVANIZED LOCKING BAR		
12"	258 GH	2.00 lbs
12"	258 GB	1.45 lbs

VACUUM
30 inches hg

PRESSURE RATING
2 - 3" = 290 psi
4 - 8" = 175 psi
10 - 12" = 88 psi



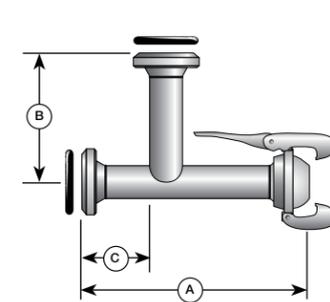
2" THROUGH 8" STANDARD T



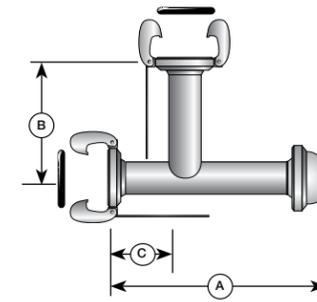
10" & 12" STANDARD T

STANDARD MALE T SPECS
Specs to 1/8" & subject to change.

SIZE	A	B	C
2"	14.02	7.09	2.36
3"	16.14	9.25	2.76
4"	20.32	11.42	2.76
6"	22.63	12.00	3.15
8"	27.68	13.00	3.94
10"	33.50	17.75	6.00
12"	37.50	20.50	6.00



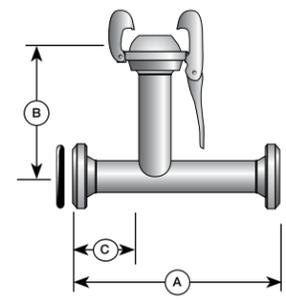
2" THROUGH 8" FEMALE T



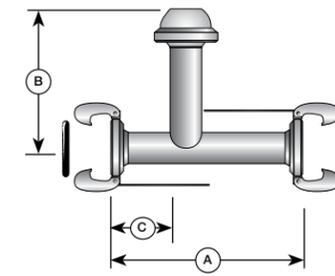
10" & 12" FEMALE T

T SOCKET SPECS
Specs to 1/8" & subject to change.

SIZE	A	B	C
2"	14.02	4.13	2.36
3"	16.14	4.53	2.76
4"	30.32	5.71	2.76
6"	22.63	7.09	3.15
8"	27.68	9.25	3.94
10"	33.25	15.50	6.00
12"	37.50	17.25	6.00



2" THROUGH 8" INLINE T



10" & 12" INLINE T

T MALE SPECS
Specs to 1/8" & subject to change.

SIZE	A	B	C
2"	13.03	7.09	2.36
3"	14.33	9.25	2.76
4"	13.78	11.42	2.76
6"	20.63	12.00	3.15
8"	25.67	13.00	3.94
10"	30.75	18.00	6.00
12"	34.25	20.50	6.00

TECH TIP

When setting up a sewer by-pass pumping application, T or Y connections can be used to tie in a back-up pump's suction and discharge lines to the primary system.

Using two Wil-loc flange check valve assemblies and one Y allows both the primary and the back-up pump in a by-pass application to be quickly and easily connected to a single discharge line.

SIZE	PART NUMBER	WEIGHT
GALVANIZED END PLUG BALL / MALE		
2"	090 EP2	1.05 lbs
3"	090 EP3	2.35 lbs
4"	090 EP4	4.45 lbs
6"	090 EP6	8.80 lbs
8"	090 EP8	10.75 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED A-STYLE END PLUG BALL / MALE		
10"	091 EP10	22.20 lbs
12"	091 EP12	36.15 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED END CAP SOCKET / FEMALE		
2"	100 EC2	0.40 lbs
3"	100 EC3	0.75 lbs
4"	100 EC4	1.95 lbs
6"	100 EC6	3.90 lbs
8"	100 EC8	7.30 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED A-STYLE END CAP SOCKET / FEMALE		
10"	101 EC10	17.90 lbs
12"	101 EC12*	35.40 lbs

12" Galvanized Locking Bar sold separately.



SIZE	PART NUMBER	WEIGHT
GALVANIZED DOUBLE BALL / MALE		
2"	110 DB2	3.50 lbs
3"	110 DB3	6.80 lbs
4"	110 DB4	13.60 lbs
6"	110 DB6	28.80 lbs
8"	110 DB8	41.60 lbs
10"	111 DB10	54.00 lbs
12"	111 DB12	96.00 lbs

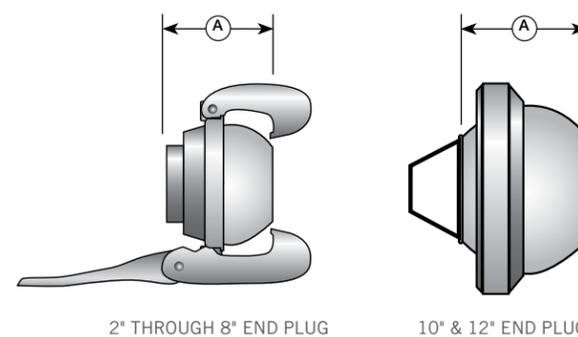


B-STYLE DOUBLE BALL SHOWN

SIZE	PART NUMBER	WEIGHT
GALVANIZED DOUBLE SOCKET / FEMALE		
2"	120 DS2	0.90 lbs
3"	120 DS3	1.75 lbs
4"	120 DS4	4.95 lbs
6"	120 DS6	7.80 lbs
8"	120 DS8	15.00 lbs
10"	121 DS10	42.00 lbs
12"	121 DS12*	87.00 lbs



B-STYLE DOUBLE SOCKET SHOWN



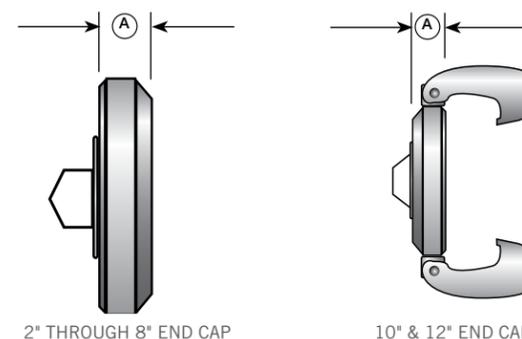
2" THROUGH 8" END PLUG

10" & 12" END PLUG

END PLUG BALL / MALE SPECS

Specs to 1/8" & subject to change.

SIZE	A
2"	2.17
3"	2.87
4"	3.88
6"	4.25
8"	5.00
10"	6.73
12"	8.35



2" THROUGH 8" END CAP

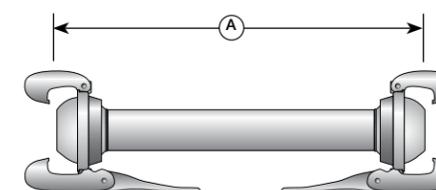
10" & 12" END CAP

END CAP SOCKET / FEMALE

Specs to 1/8" & subject to change.

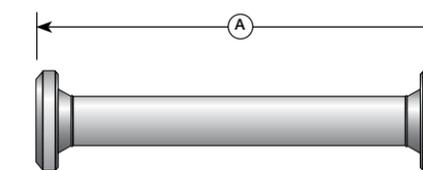
SIZE	A
2"	3.27
3"	4.57
4"	6.50
6"	8.31
8"	10.51
10"	9.72
12"	12.20

SIZE	A
DOUBLE BALL / MALE	
Specs to 1/8" & subject to change.	
2"	10.04
3"	11.42
4"	16.73
6"	15.75
8"	18.11



DOUBLE BALL / MALE

SIZE	A
DOUBLE SOCKET / FEMALE	
Specs to 1/8" & subject to change.	
2"	4.72
3"	4.92
4"	6.50
6"	7.09
8"	10.24



DOUBLE SOCKET / FEMALE

TECH TIP

End caps and plugs may be used for several purposes, such as closing off the end of a pipeline, capping unused branches on T's and Y's, vacuum/pressure testing of pumps or pipe, or capping pump fittings during transport.

For easier coupling (especially of larger sizes) lubricate new Wil-loc O-rings. This will allow the ball to seat into the socket easier during first time usage.



BLACK STEEL BALL & SOCKET WELD-ON SET

SIZE	PART NUMBER	WEIGHT
2"	240 BWA2	1.55 lbs
3"	240 BWA3	3.35 lbs
4"	240 BWA4	7.40 lbs
5"	240 BWA5	10.70 lbs
6"	240 BWA6	14.35 lbs
8"	240 BWA8	21.95 lbs



BLACK STEEL WELD-ON BALL / MALE

SIZE	PART NUMBER	WEIGHT
2"	255 B2B	0.30 lbs
3"	255 B3B	0.50 lbs
4"	255 B4B	1.45 lbs
5"	255 B5B	1.95 lbs
6"	255 B6B	2.25 lbs
8"	255 B8B	4.30 lbs



BLACK STEEL WELD-ON SOCKET / FEMALE

SIZE	PART NUMBER	WEIGHT
2"	257 S2B	0.25 lbs
3"	257 S3B	0.55 lbs
4"	257 S4B	1.65 lbs
5"	257 S5B	2.50 lbs
6"	257 S6B	3.00 lbs
8"	257 S8B	5.75 lbs



BLACK LOCKING LEVER RING

SIZE	PART NUMBER	WEIGHT
2"	274 LR2B	1.00 lbs
3"	274 LR3B	2.20 lbs
4"	274 LR4B	4.30 lbs
5"	274 LR5B	6.25 lbs
6"	274 LR6B	9.10 lbs
8"	274 LR8B	12.90 lbs

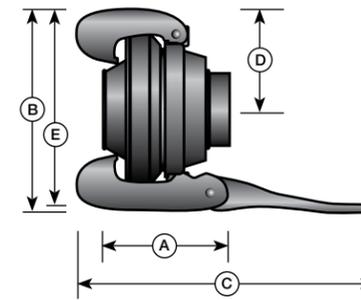


OIL RESISTANT O-RING

SIZE	PART NUMBER	WEIGHT
2"	285 OR2R	0.05 lbs
3"	285 OR3R	0.10 lbs
4"	285 OR4R	0.20 lbs
6"	285 OR6R	0.45 lbs
8"	285 OR8R	0.55 lbs

VACUUM RATING
30 inches hg

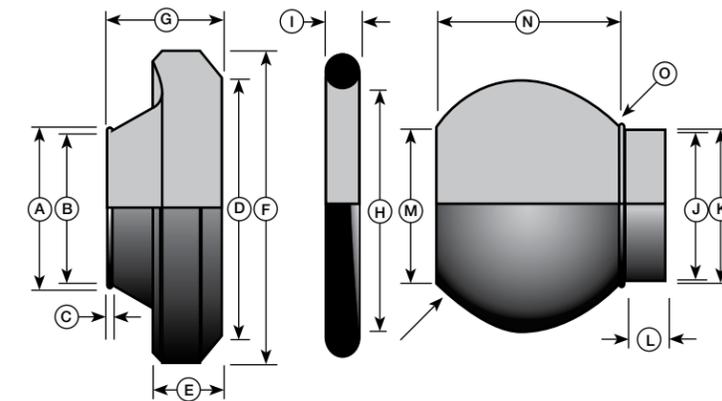
PRESSURE RATING
2 & 3 inch = 290 psi
4 - 8 inch = 175 psi



WELD-ON SET SPECS

Hose Set Specifications to 1/100th of an inch // Specs Subject to Change

SIZE	A	B	C	D	E
2"	2.68	6.10	7.09	3.35	4.92
3"	3.43	7.87	9.25	3.54	7.09
4"	5.28	11.81	10.83	6.69	9.25
5"	4.69	11.22	11.42	5.51	10.83
6"	4.84	12.60	13.50	6.30	11.81
8"	6.30	15.35	13.50	9.06	13.98



WELD-ON SPECS

Hose Set Specifications to 1/100th of an inch // Specifications Subject to Change

SIZE	A	B	C	D	E	F	G	H	I	J
2"	2.01	1.91	0.24	2.83	0.67	3.27	1.22	2.44	0.37	1.91
3"	3.07	2.99	0.28	3.86	0.87	4.57	1.46	3.48	0.51	2.99
4"	4.37	4.25	0.47	5.79	1.10	6.50	2.32	5.20	0.59	4.25
5"	5.39	5.20	0.47	6.42	1.34	7.52	2.13	5.98	0.71	5.20
6"	6.42	6.22	0.59	7.17	1.34	8.31	2.05	6.69	0.75	6.22
8"	7.95	7.64	0.71	9.09	1.34	10.51	2.99	8.66	0.75	7.64

SIZE	K	L	M	N	O
2"	2.01	0.28	1.97	2.17	2.76
3"	3.07	0.55	3.19	2.87	3.86
4"	4.37	0.59	4.41	4.21	5.71
5"	5.39	0.67	5.39	3.78	6.26
6"	6.42	0.75	6.10	4.06	7.09
8"	7.87	0.67	7.87	5.00	9.06

TECH TIP

Virtually any plumbing configuration may be fabricated using the Wil-loc carbon steel weld-on fittings. Please check columns A & K for correct pipe sizing. IPSO and ODA pipe may be used with steel weld-on fittings. When fabricating customized fittings, ensure there is enough length for the locking levers to fully close without restriction. The minimum shank lengths are given on the flange specifications pages of this catalog.

SIZE PART NUMBER WEIGHT

BLACK STEEL BALL & SOCKET WELD-ON SET

10" 241 BWA10 32.55 lbs

12" Galvanized Locking Bar sold separately.



BLACK STEEL BALL & SOCKET WELD-ON SET

12" 241 BWA12 60.35 lbs

12" Galvanized Locking Bar sold separately.



BLACK STEEL WELD-ON SOCKET / FEMALE

10" 258 S10B 14.70 lbs



BLACK STEEL WELD-ON SOCKET / FEMALE

12" 258 S12B 30.30 lbs

12" Galvanized Locking Bar sold separately.



BLACK STEEL WELD-ON BALL / MALE

10" 256 B10B 10.00 lbs

12" 256 B12B 16.80 lbs



BLACK STEEL WELD-ON LOCKING RING

10" 259 B10R 7.85 lbs

12" 259 B12R 13.25 lbs

O-Ring sold separately.



OIL RESISTANT O-RING

10" 286 OR10R 1.05 lbs

12" 286 OR12R 1.55 lbs



BLACK FITTINGS

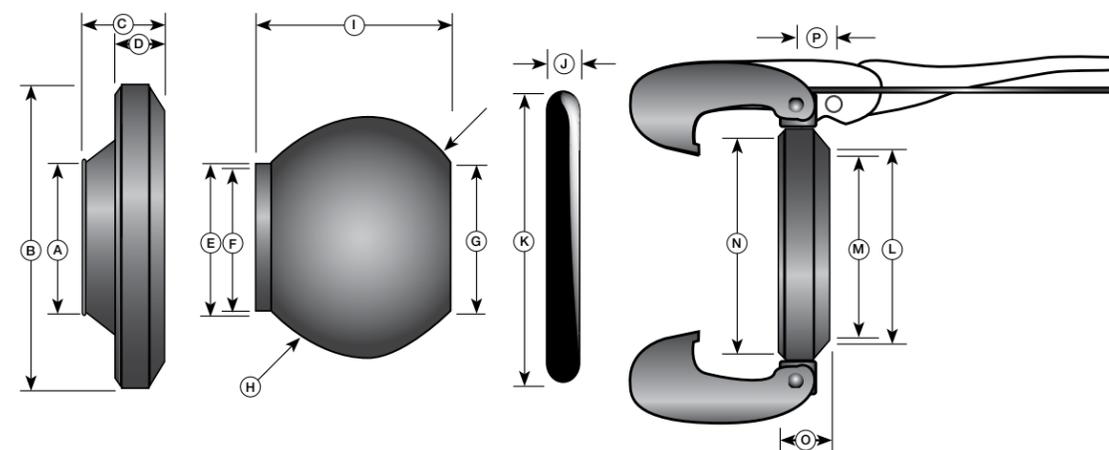
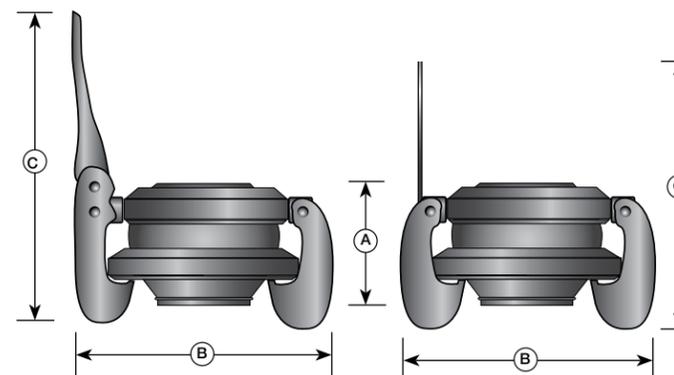
VACUUM RATING
30 inches hg

PRESSURE RATING
88 psi

NOTE
12" locking bar
sold separately

WELD-ON SET SPECS
Specs to 1/100th of an inch

SIZE	A	B	C
10"	9.06	20.08	15.35
12"	10.24	24.21	10.43



WELD-ON SPECS

Specifications to 1/100th of an inch // Specifications subject to change

SIZE	A	B	C	D	E	F	G	H	I	J
10"	11.14	14.09	2.40	1.42	9.57	9.25	9.96	11.81	6.73	0.86
12"	13.35	17.56	2.76	1.69	12.01	11.65	11.97	14.57	8.35	0.93
SIZE	K	L	M	N	O	P				
10"	11.06	9.72	9.37	11.89	4.33	1.38				
12"	13.98	12.20	11.85	14.65	4.92	1.65				

TECH TIP

For applications that prohibit use of hot-dipped galvanized pipe and fittings, Wil-loc black weld-ons and o-rings may be specially plated or coated to fit your needs.

Before welding, check to make sure locking ring can slide over the O.D. of your pipe. If not, place locking ring over the pipe and weld the male fitting onto the end of the pipe.

BLACK FITTINGS



SIZE	PART NUMBER	WEIGHT
ALUMINUM BALL / MALE WELD-ON		
2"	732 BA2	0.25 lbs
3"	732 BA3	0.45 lbs
4"	732 BA4	1.15 lbs
5"	732 BA5	1.65 lbs
6"	732 BA6	2.15 lbs
8"	732 BA8	3.20 lbs



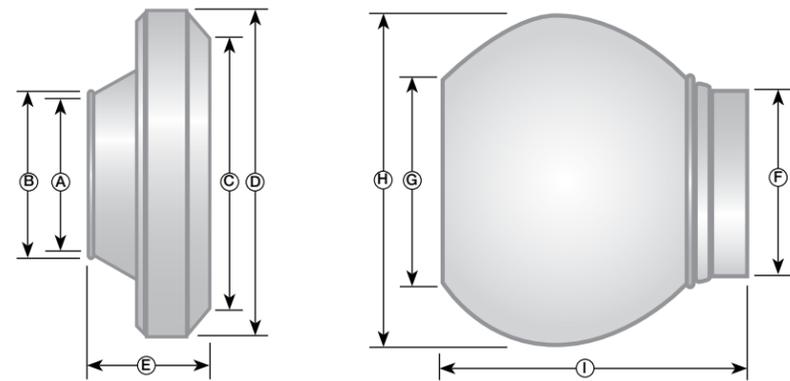
SIZE	PART NUMBER	WEIGHT
ALUMINUM SOCKET / FEMALE WELD-ON		
2"	734 AA2	0.30 lbs
3"	734 AA3	0.70 lbs
4"	734 AA4	1.40 lbs
5"	734 AA5	2.05 lbs
6"	734 AA6	2.60 lbs
8"	734 AA8	3.95 lbs



SIZE	PART NUMBER	WEIGHT
GALVANIZED LOCKING LEVER		
2"	273 LR2	1.00 lbs
3"	273 LR3	2.25 lbs
4"	273 LR4	4.40 lbs
5"	273 LR5	6.45 lbs
6"	273 LR6	9.35 lbs
8"	273 LR8	13.15 lbs

VACUUM RATING
30 inches hg

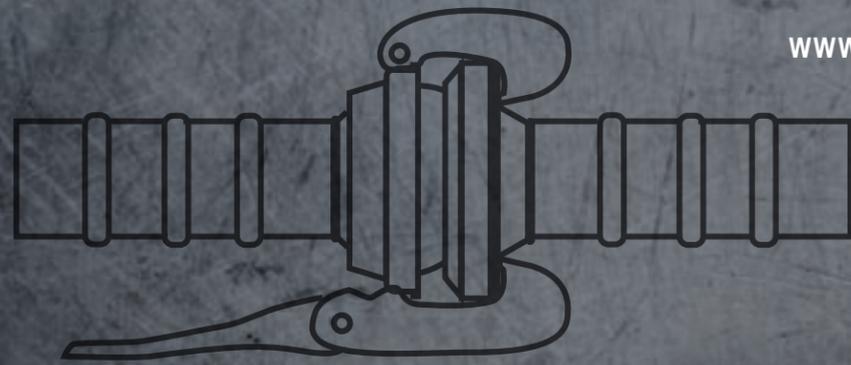
PRESSURE RATING
2 & 3" = 290 psi
4 - 8" = 175 psi



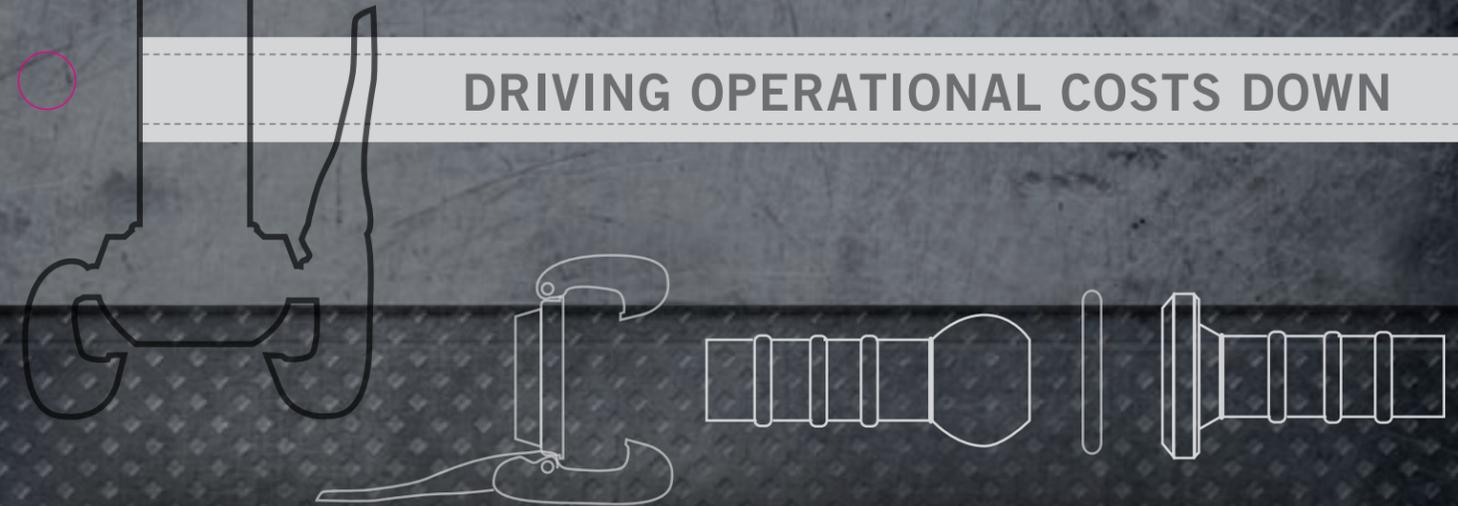
MALE MECHANICAL SPECS

Specifications to 1/100th of an inch // Specifications subject to change

SIZE	A	B	C	D	E	F	G	H	I
2"	2.01	2.28	2.80	3.54	1.42	2.36	1.89	2.80	2.32
3"	3.01	3.35	3.88	4.88	1.65	3.39	2.99	3.86	3.15
4"	4.02	4.41	5.67	6.69	2.20	4.37	4.21	5.67	4.41
5"	5.04	5.35	5.98	7.72	2.36	5.31	4.88	6.26	5.20
6"	6.04	6.42	7.13	8.50	2.44	6.38	5.55	7.09	5.39
8"	8.01	8.86	9.13	10.71	3.27	8.39	7.72	9.06	6.46



DRIVING OPERATIONAL COSTS DOWN



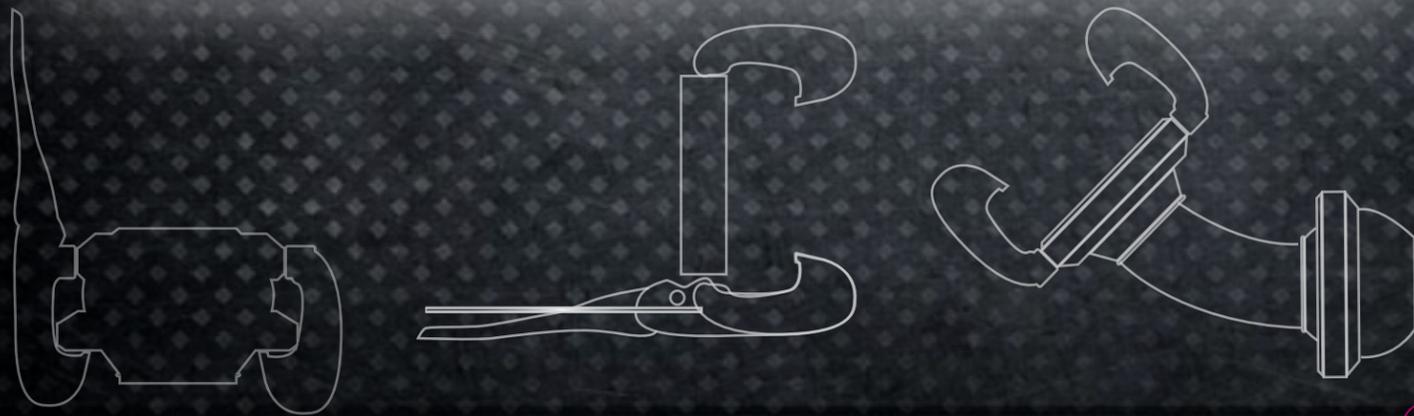
Not just any plumbing system can handle the strain and abuse of industrial environments. Wil-loc® COUPLING & PIPE SYSTEMS are built to the rugged standards required for SUCTION and DISCHARGE applications found in DEWATERING, SEWER BYPASS, VACUUM TRUCK and VISCOUS MATERIAL handling jobs. With over 50 years of field-tested experience, Wil-loc Coupling & Pipe matches the industry's best combination of dependable performance and superior value.

Wil-loc Pipe is manufactured from LAMINATED STEEL FORMED by a cold rolling process. Seams are LONGITUDINALLY or SPIRAL WELDED by an electrical arc process for unmatched strength. Our wall thickness outperforms and outlasts irrigation-grade piping.

Wil-loc Couplings feature a QUICK COUPLING SYSTEM, providing flexibility in application and trouble-free assembly. INTEGRATED RUBBER O-RINGS not only prevent leakage, they allow for full vacuum throughout the system.

Whatever your need, Wil-loc Systems offer SUPERIOR PERFORMANCE, INCREASED JOBSITE EFFICIENCY and REDUCED OPERATING COSTS.

EXPERIENCE THE WIL-LOC DIFFERENCE ON YOUR NEXT JOB!





B-STYLE POLYRION SHOWN

SIZE	PART NUMBER	WEIGHT
MALE WITH LL x SDR17		
4"	920 BL4SDR17	8.04 lbs

SIZE	PART NUMBER	WEIGHT
FEMALE WITH O-R x SDR17		
4"	922 FO4SDR17	3.68 lbs



B-STYLE POLYCRIMP SHOWN

FEMALE POLYCRIMP WITH O-R X SDR17			
Specifications subject to change			
6"	912 F06SDR17	12.35 lbs	
8"	912 F08SDR17	24.25 lbs	
12"	913 F012SD17	44.15 lbs	A-Style

MALE POLYCRIMP WITH SDR17 SPECS			
Specifications to 1/100th of an inch // Specs subject to change			
6"	910 BL6SDR17	12.35 lbs	
8"	910 BL8SDR17	24.25 lbs	
12"	911 BL12SDR17	44.15 lbs	A-Style

POLYCRIMP

THE NEW GENERATION OF HDPE TRANSITION FITTINGS

From Wil-loc® ball and socket couplings here comes Polycrimp, a new generation of transition joints in HDPE (High Density Polyethylene).

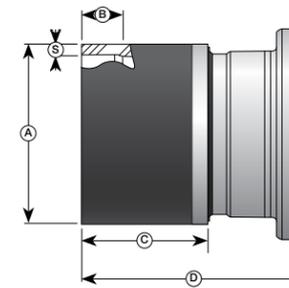
The Polycrimp shape was designed to ensure long lasting mechanical performance. The transition fitting is machined with a barb system that provides a leak free compressed joint. Thanks to two special o-rings in EPDM, Polycrimp is airtight even in high demanding working conditions.

Zinc-coated steel and HDPE are coupled with amazing accuracy, lining up different parts with almost perfect tolerance. The coupling is guaranteed by an extremely high monitored occlusion force. Thanks to this solution a product with a new level of performance is achieved.

The Polycrimp HDPE pipe is made with extrusion techniques by the best manufactures on the market to ensure perfect welding onto Polyethylene SDR 11/17 pipes.

VACUUM RATING
30 inches hg

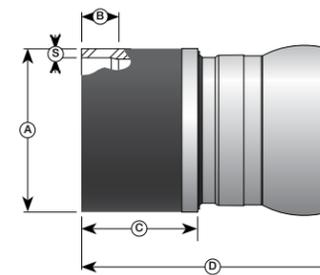
PRESSURE RATING
2 & 3 inch = 290 psi
4 - 8 inch = 175 psi



FEMALE POLYRION WITH SDR17 SPECS

Specifications to 1/100th of an inch // Specs subject to change

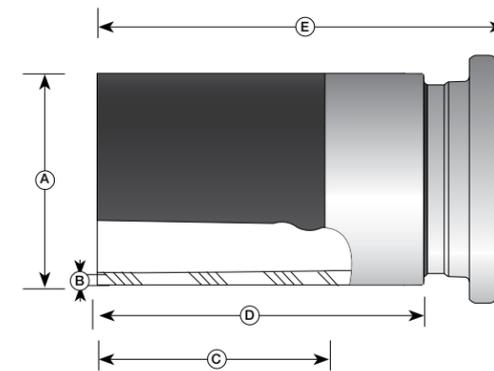
SIZE	A	B	C	D	S
4"	4.50	2.95	4.06	9.25	0.26



MALE POLYRION WITH SDR17 SPECS

Specifications to 1/100th of an inch // Specs subject to change

SIZE	A	B	C	D	S
4"	4.50	2.95	4.06	11.26	0.26

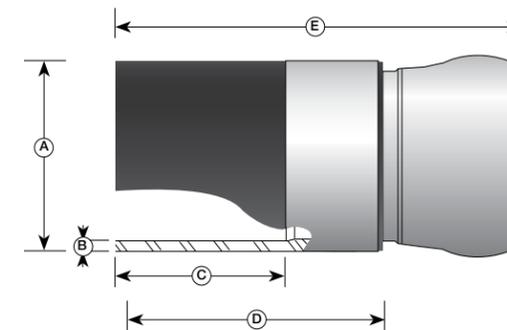


B-STYLE SHOWN

FEMALE POLYCRIMP WITH SDR17 SPECS

Specifications to 1/100th of an inch // Specs subject to change

SIZE	A	B	C	D	E
6"	6.63	0.39	7.68	11.22	14.17
8"	8.63	0.51	6.5	11.22	15.94
12"	12.75	0.75	6.5	11.22	A-Style

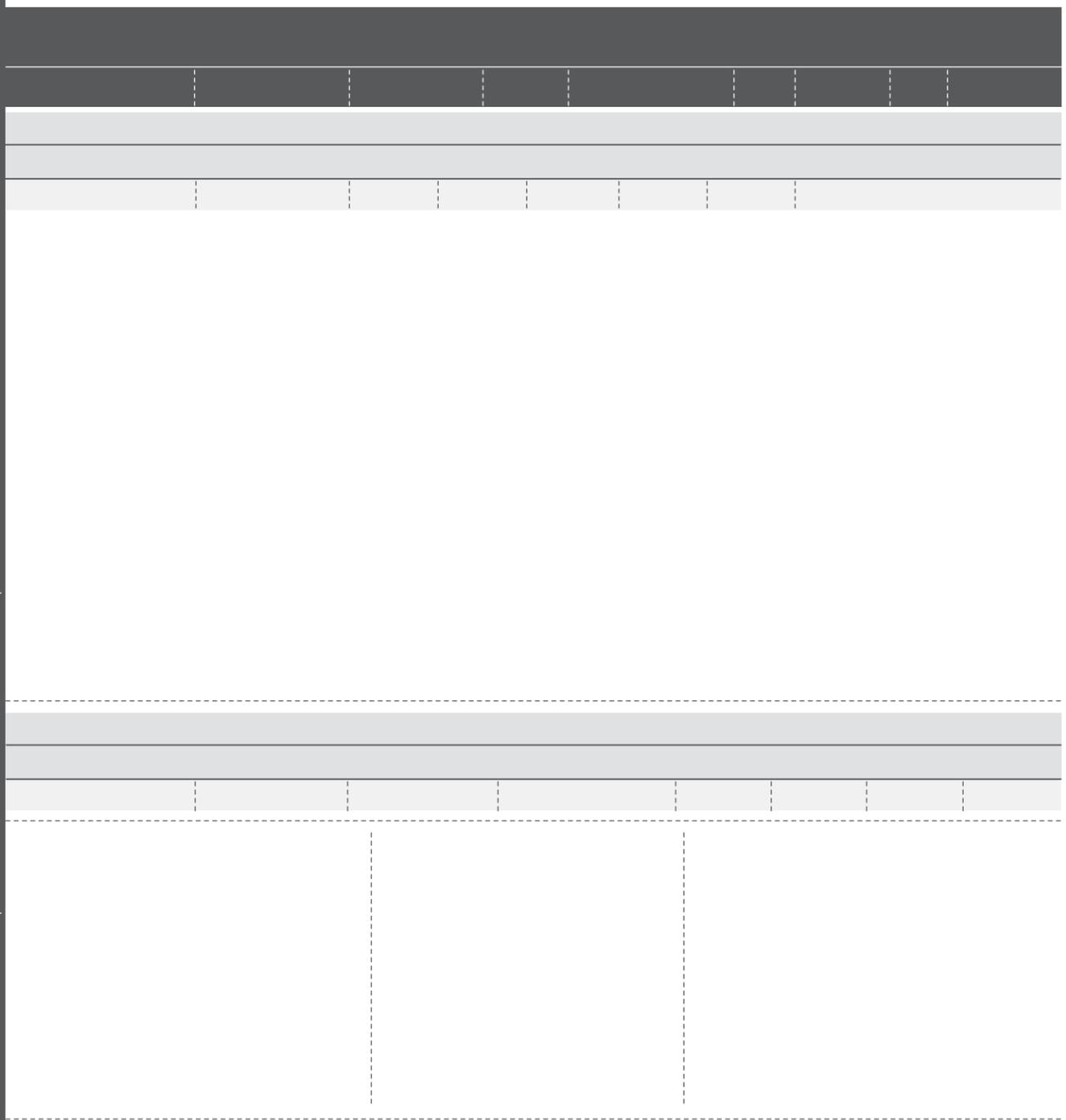


B-STYLE SHOWN

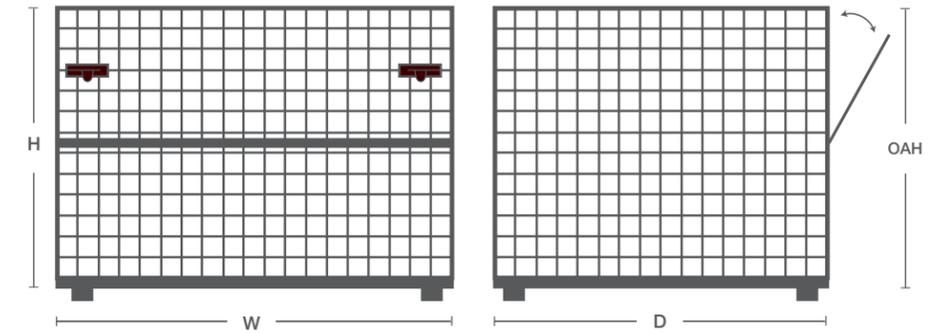
MALE POLYCRIMP WITH SDR17 SPECS

Specifications to 1/100th of an inch // Specs subject to change

SIZE	A	B	C	D	E
6"	6.63	0.39	7.80	11.72	16.14
8"	8.63	0.51	6.5	11.22	18.11
12"	12.75	0.75	6.5	11.22	A-Style



NON-STOCK ITEM	SIZE	PART NUMBER	WEIGHT
STORAGE BINS			
LARGE		WIREBSKT-L	
X-LARGE		WIREBSKT-XL	



STORAGE BIN SPECS						
SIZE	CAPACITY	WEIGHT	HEIGHT	WIDTH	DEPTH	OATH
LARGE	4,000 lbs	154 lbs	30.0"	48.0"	40.0"	36.0"
X-LARGE						

Specifications subject to change without notice.



FOOT PADS :
Galvanized steel foot pads are designed for high load capacity and stacking.



DROP GATE :
A half-drop gate allows easy access and identification of parts.



LATCHES :
Two slide latches secure the front gate and maximize storage.

WIL-LOC COUPLING STORAGE BINS :

Wil-loc Coupling Storage Bins simplify the management of your coupler inventory at your warehouse, distribution center or on the job site.

Available in two high-volume sizes, these wire mesh containers are constructed of welded galvanized steel and can handle a 4,000 lb. load capacity. Bins are stackable and have a half-drop gate on the long side of each container for easy access and identification of contents.

Wil-loc Coupling Storage Bins reduce product damage, improve efficiency in transport and provide better utilization of warehouse space.

- + Bins are ideal for jobsite inventory management, reducing equipment loss
- + Heavy-duty foot pads allow containers to be stacked four high
- + Wire mesh base will not collect dust, moisture or debris
- + Containers break down for storage
- + 4,000 lb. load capacity
- + Locking half-drop gate make contents easy to access and identify



SIZE	PART NUMBER
WIL-LUBE TUB	
16 oz	008LUB 16T



SIZE	PART NUMBER
WIL-LUBE TUB SQUEEZE PACK	
1 oz	008LUB 1.0P

Wil-lube is a lubricant, sealant and protectant for your coupling systems that creates operational efficiencies, minimizes leaks and protects systems from corrosion.

Wil-lube lubricant is available in convenient 16 oz. tubs and 1 oz. squeeze packs for ease of use and application before coupling the system. When properly lubricated and aligned, couplings will no longer require the use of a cheater bar or wrench to close. This dramatically reduces set up time, helps accidental cutting or damage to the O-ring and damage to the locking lever clamping part of the equipment.

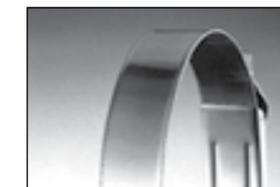
System integrity is also greatly enhanced by lubricating the O-ring or gasket with Wil-Lube, thus minimizing leaks and the costly expenses of clean-up or system reconfiguration. Wil-lube is the perfect lubricant for your wastewater, sewer by-pass and general pumping applications.

- + Wil-lube is a vegetable-based lubricant that will not deteriorate specialty O-rings, such as Buna O-rings.
- + Wil-lube can be used with any Ball & Socket style, Cam-lock, Pin-lug O-ring or gasket.
- + Wil-lube increases labor efficiency by improving clamping times in system set-up and by reducing leaks and maintenance time.
- + Wil-lube also decreases corrosion in permanent and semi-permanent systems where metal-on-metal contact points exist.

PART NUMBER	RANGE MM	RANGE INCH
SINGLE BOLT HOSE CLAMPS		
302 CS1.45	37 - 40	1 7/16 - 1 9/16
302 CD1	43 - 47	1 11/16 - 1 27/32
302 CD1X	47 - 51	1 27/32 - 2 1/64
302 CD2	51 - 55	2 - 2 5/32
302 CD2X	55 - 59	2 5/32 - 2 5/16
302 CS2	59 - 63	2 5/16 - 2 15/32
302 CS2X	63 - 68	2 15/32 - 2 11/16
302 CS2XX	68 - 73	2 11/16 - 2 7/8
302 CS2.87	73 - 79	2 7/8 - 3 3/32
302 CD3	79 - 85	3 3/32 - 3 5/16
302 CS3	85 - 91	3 5/16 - 3 9/16
302 CD3X	91 - 97	3 9/16 - 3 13/16
302 CD4	104 - 112	4 3/32 - 4 3/8
302 CS4	112 - 121	4 3/8 - 4 3/4
302 CD4X	121 - 130	4 3/4 - 5 1/8
302 CD5	130 - 140	5 1/8 - 5 1/2
302 CS5	140 - 150	5 1/2 - 5 7/8
302 CD6	150 - 162	5 7/8 - 6 3/8
302 CS6	162 - 174	6 3/8 - 6 7/8
302 CD6X	174 - 187	6 7/8 - 7 3/8
302 CD8	200 - 213	7 7/8 - 8 3/8
302 CS8	213 - 226	8 3/8 - 8 7/8
302 CS8X	226 - 239	8 7/8 - 9 3/8
302 CS10	265 - 278	10 7/16 - 10 29/32
302 CS12	317 - 330	12 7/16 - 13



The bolt is made from high grade steel, zinc plated (W2) or stainless steel (W4).



The stainless steel band has beveled edges to prevent damage to the hose.



Only regular tools are needed to tighten the bolt. Deep sockets to reach a nut are not required.

TECH TIP

Band & Housing: SS X8Cr 17, (DIN 1.4016)(AISI-430).
 Screw & Other: grade 8.8 zinc plated.
 Recommend working at 75% of the maximum values.



PVC BALL VALVES

SIZE	PART NUMBER	WEIGHT
2"	170 PVCBA2	N/A
3"	170 PVCBA3	N/A
4"	170 PVCBA4	N/A



BRASS GATE VALVES

SIZE	PART NUMBER	WEIGHT
2"	172 BGVA2	N/A
3"	172 BGVA3	N/A
4"	172 BGVA4	N/A



BRASS CHECK VALVES

SIZE	PART NUMBER	WEIGHT
2"	173 BCVA2	N/A
3"	173 BCVA3	N/A
4"	173 BCVA4	N/A



FLANGED CHECK VALVES
Galvanized Check Valve

SIZE	PART NUMBER	WEIGHT
4"	174 FGCVA4	N/A
6"	174 FGCVA6	N/A
8"	174 FGCVA8	N/A
10"	174 FGCVA10	N/A
12"	174 FGCVA12	N/A



FLANGED BUTTERFLY VALVES
Galvanized Butterfly Valve

SIZE	PART NUMBER	WEIGHT
4"	171 BFVA4	N/A
6"	171 BFVA6	N/A
8"	171 BFVA8	N/A
10"	171 BFVA10	N/A
12"	171 BFVA12	N/A

NOTE: Stand-alone valves are available for purchase.

TECH TIP

Most hoses expand and contract with weather and heavy usage. Wil-loc bolt clamps are designed to allow adjustment in the field. To tighten your Wil-loc clamps, or to remove your valuable hose ends, all you need is an adjustable wrench.



FEMALE CAM TO BALL / MALE

SIZE	PART NUMBER	WEIGHT
2"	028 BFC2	3.00 lbs
3"	028 BFC3	6.00 lbs
4"	028 BFC4	11.00 lbs
6"	028 BFC6	21.00 lbs



MALE CAM TO BALL / MALE

SIZE	PART NUMBER	WEIGHT
2"	027 BMC2	3.00 lbs
3"	027 BMC3	6.00 lbs
4"	027 BMC4	11.00 lbs
6"	027 BMC6	21.00 lbs



FEMALE CAM TO SOCKET / FEMALE

SIZE	PART NUMBER	WEIGHT
2"	048 SFC2	2.00 lbs
3"	048 SFC3	4.00 lbs
4"	048 SFC4	5.00 lbs
6"	048 SFC6	15.00 lbs



MALE CAM TO SOCKET / FEMALE

SIZE	PART NUMBER	WEIGHT
2"	047 SMC2	2.00 lbs
3"	047 SMC3	4.00 lbs
4"	047 SMC4	5.00 lbs
6"	047 SMC6	15.00 lbs

TECH TIP

The 2" - 6" cam-lock components used for Wil-loc's cam-lock adapters are manufactured to MIL-C-274878F specifications. Conformance to this specification assures complete compatibility and product quality control.

Wil-loc offers a wide range of adapters. Contact Wil-loc for any adapter configuration.



SQUARE STRAINER BASKETS / B-STYLE COUPLING
2pc with Threaded Ball / Male

SIZE	PART NUMBER	WEIGHT
2"	316 SBTSA2C	4.50 lbs
3"	316 SBTSA3C	8.05 lbs
4"	316 SBTSA4C	14.00 lbs
6"	316 SBTSA6C	27.15 lbs
8"	316 SBTSA8C	58.55 lbs



ROUND STRAINER BASKETS / B-STYLE COUPLING
2pc with Threaded Long Ball / Male

SIZE	PART NUMBER	WEIGHT
2"	319 SBTRA2C	4.90 lbs
3"	319 SBTRA3C	8.75 lbs
4"	319 SBTRA4C	13.20 lbs
6"	319 SBTRA6C	26.95 lbs
8"	319 SBTRA8C	51.40 lbs



SQUARE REPLACEMENT BASKETS

SIZE	PART NUMBER	WEIGHT
2"	317 STRB2	1.40 lbs
3"	317 STRB3	1.95 lbs
4"	317 STRB4	2.48 lbs
6"	317 STRB6	6.05 lbs
8"	317 STRB8	21.00 lbs



ROUND REPLACEMENT BASKETS

SIZE	PART NUMBER	WEIGHT
2"	318 STRB2	1.80 lbs
3"	318 STRB3	2.65 lbs
4"	318 STRB4	2.60 lbs
6"	318 STRB6	5.80 lbs
8"	318 STRB8	13.00 lbs



SQUARE STRAINER BASKETS
Flange Square Strainer

SIZE	PART NUMBER	WEIGHT
10"	316 SFSB10	42.00 lbs
12"	316 SFSB12	48.00 lbs

TECH TIP

Round-hole strainer baskets should be used in clean water applications. With liquids that are higher in viscosity than 1.0 weight, square-hole strainers should be used. While the round-hole strainers will filter out larger solids, they are also more likely to clog.



SQUARE STRAINER BASKETS / A-STYLE COUPLING
2pc Flange Strainer Ball

SIZE	PART NUMBER	WEIGHT
10"	316 SBTSA10C	85.00 lbs
12"	316 SBTSA12C	114.00 lbs



BALL / MALE ROUND STRAINER BASKETS / A-STYLE

SIZE	PART NUMBER	WEIGHT
10"	315 SBRB10C	31.50 lbs
12"	315 SBRB12C	50.00 lbs



SOCKET / FEMALE ROUND STRAINER BASKETS / A-STYLE

SIZE	PART NUMBER	WEIGHT
10"	315 SBRS10C	28.00 lbs
12"	315 SBRS12C	47.00 lbs

12" Galvanized Locking Bar sold separately.

10" A-STYLE SOCKET 12" A-STYLE SOCKET



A-STYLE TO B-STYLE SYSTEM ADAPTERS
Socket / Female to Ball / Male

SIZE	PART NUMBER	WEIGHT
12"	170 BS-AB12	66.00 lbs

12" A-STYLE BALL TO 12" B-STYLE SOCKET



A-STYLE TO B-STYLE SYSTEM ADAPTERS
Socket / Female to Ball / Male

SIZE	PART NUMBER	WEIGHT
12"	170 BB-AS12	95.00 lbs

12" Galvanized Locking Bar sold separately.

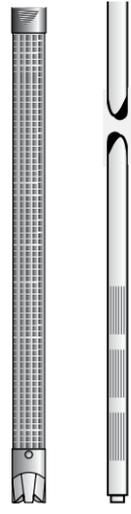
12" B-STYLE BALL TO 12" A-STYLE SOCKET

SPECIALTY FABRICATION

Wil-loc knows that no job is the same. Sometimes having the right part or piece of equipment can turn a nightmare job into a smooth one. While we have tried to assemble a complete line of quality products for your industrial plumbing needs, sometimes you need a custom piece to get the job done.

Contact Wil-loc and talk to our system specialists to design the perfect custom piece of Wil-loc plumbing.





*1. *2.

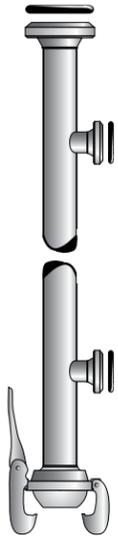
SIZE	PART NUMBER	WEIGHT
*1. STAINLESS STEEL SELF JETTING WELLPOINTS		
18"	141 WPS-1	8.00 lbs
28"	141 WPS	11.00 lbs
Screen Size = .012		

STEEL WELLPOINT ACCESSORIES		
2" Socket x 1.5" Female Thread	142 SFT	1.00 lbs
2" Socket x 1.5" Male Thread	142 SMT	1.00 lbs

*2. PVC WELLPOINTS		
1.5" x 20'	141 WPP	11.00 lbs



AIR VENT PIPES		
4"	222 PAV12-4" 2" MNPT	14.00 lbs
6"	222 PAV12-6" 2" MNPT	24.00 lbs
8"	222 PAV12-8" 3" MPT	36.00 lbs



FOUR INCH HEADER PIPES		
4" x 10' Header / 3 inlets	140 H4-10-3	41.00 lbs
4" x 10' Header / 6 inlets	140 H4-10-6	44.00 lbs
4" x 20' Header / 6 inlets	140 H4-20-6	66.00 lbs

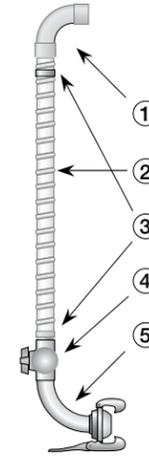
SIX INCH HEADER PIPES		
6" x 3' Header / 1 inlets	140 H6-3	34.00 lbs
6" x 6' Header / 2 inlets	140 H6-2	47.00 lbs
6" x 10' Header / 3 inlets	140 H6-10	63.00 lbs
6" x 10' Header / 9 inlets	140 H6-10-9	69.00 lbs
6" x 20' Header / 6 inlets	140 H6-20	99.00 lbs
8" galvanized steel wellpoint header pipe available upon request.		

GLAVANIZED HEADER PIPE SPECS

	I.D.	WALL THICKNESS	W.P. P.S.I.	VAC. RATING
4" Galvanized Steel Header	4.25	0.071	175	28 hg
6" Galvanized Steel Header	6.00	0.071	175	28 hg

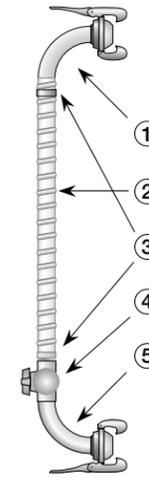
Specifications to 1/8 of an inch // Specifications subject to change.
NOTE: 8" Galvanized steel header pipe is available. Please allow extra time for delivery.

SIZE	PART NUMBER	WEIGHT
PVC WELLPOINT SWINGER AS.		
3'	141 SWPA	5.00 lbs
6'	141 SWPA-6	6.00 lbs
9'	141 SWPA-9	8.00 lbs



PVC SWINGER COMPONENTS		
1. PVC RISER TO HOSE ADAPTER	142 PRA	
2. SWINGER HOSE 1.5" x 36"	142 WFHA	
3. PVC ADAPTER TO THREADED	142 PAT	
4. PVC BALL VALVE / THREADED	142 PBV	
5. 2" B 90 x 1.5" MALE THREADED	142 B9MT	

STEEL WELLPOINT SWINGER AS.		
3'	141 SWSPA	8.00 lbs
6'	141 SWSPA-6	9.00 lbs
9'	141 SWSPA-9	11.00 lbs



STEEL WELLPOINT SWINGERS		
1. 2" B 90 x 1.5" MALE TAIL	142 B9H	
2. SWINGER HOSE 1.5" x 36"	142 WFHA	
3. PVC ADAPTER TO THREADED	142 PAT	
4. PVC BALL VALVE / THREADED	142 PBV	
5. 2" B 90 1.5" MALE THREADED	142 B9MT	

SWINGER HOSE EXTENSION AS.		
3'	142 SHEA-3	
6'	142 SHEA-6	
9'	142 SHEA-9	



TECH TIP

All of Wil-loc's standard wellpoint swingers come with bright red PVC ball valve handles. This makes it very easy for the operator to tell which valves are open and which are closed.

- Quick pump connections decrease man-hours for pump installation/dismantling
- Ball and Socket design securely seated by O-Ring for vacuum-tight seal
- Durable construction provides years of use and decreases replacement costs
- Lever locking jaw can be secured with locking pin to prevent accidental or deliberate uncoupling
- Up to 30° coupling articulation allows for misaligned connections

1 Debris from suction intake can damage pump impeller

Round or square hole strainer baskets decrease pump maintenance costs

2 Strainer baskets take abuse in most applications

Wil-loc® threaded strainer baskets can be replaced without replacing the ball assembly

3 Kinked hoses create friction loss and decrease pump performance

Elbows minimize friction loss with smooth transitions

4 Long suction runs benefit from full vacuum-rated pipe

Wil-loc pipe is more cost effective and easier to move than multiple suction hoses

5 Rough terrain makes suction line installation difficult

PVC or rubber hose lays over and around obstructions, reducing set-up time

6 Self Priming and Auto Priming volutes rely on air-tight connections

Wil-loc couplers are vacuum-tested to reduce priming time

7 Pump failures cause major disruption

Flanged or threaded pump connections with Wil-loc couplers allow for fast pump replacement

8 Kinked discharge hoses increase Total Dynamic Head (TDH)

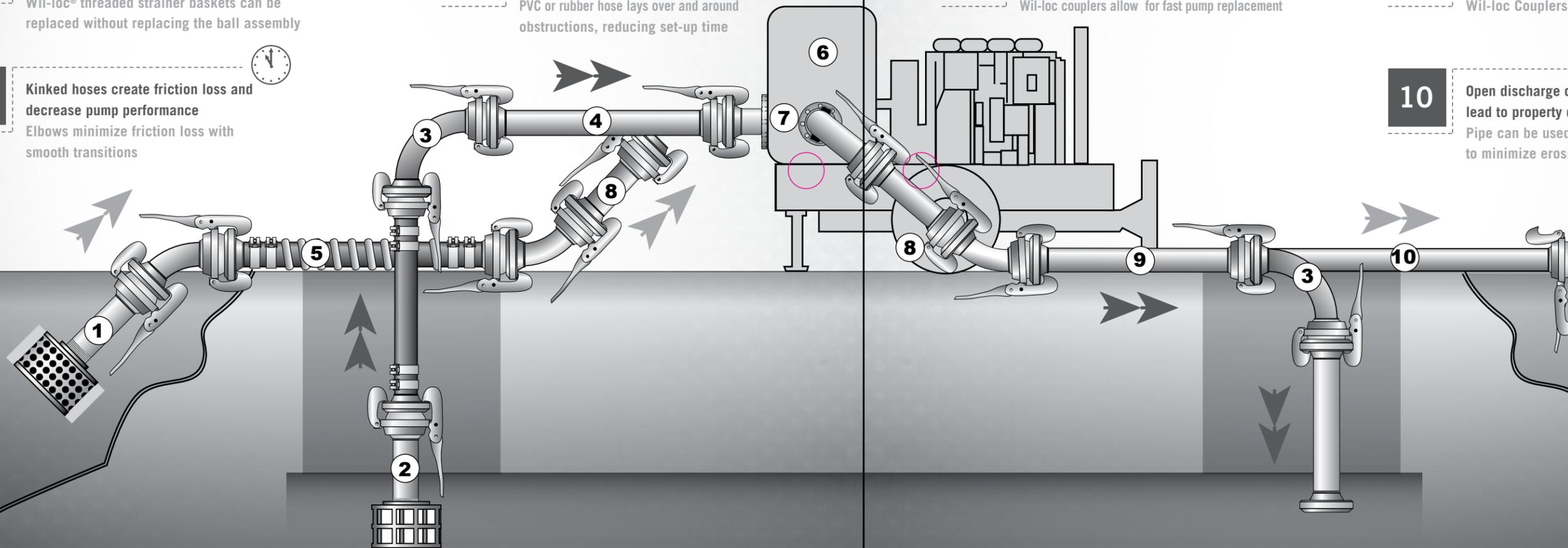
Step Bows allow for smooth flow from volute to discharge point

9 Accidental or deliberate uncoupling of by-pass systems cause costly spillages

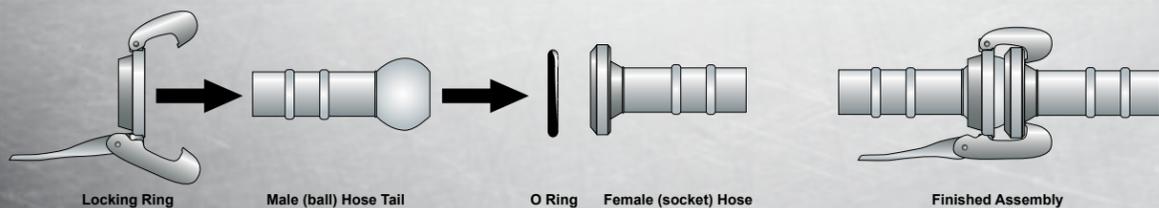
Wil-loc Couplers have secure locking pins

10 Open discharge can cause erosion and lead to property damage and fines

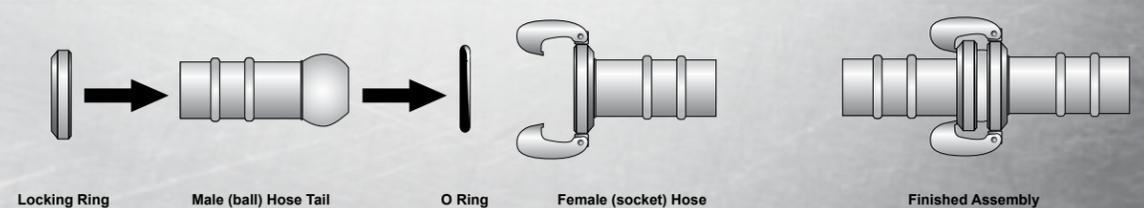
Pipe can be used in most situations to minimize erosion



WIL-LOC B-STYLE ASSEMBLY



WIL-LOC A-STYLE ASSEMBLY



TERMS & CONDITIONS

Unless otherwise stated herein, quotations must be accepted by a purchase order or purchase order acknowledgement in writing within two (2) weeks from the date of the quotation or before shipment of product; whichever is first. All quantities are estimates only; availability is based upon inventory levels as of the date of the order. The customer is responsible for actual item quantities required for completion of scope of work. Prices quoted are based upon quantity as indicated. All shipments are subject to prior approval of Purchaser's credit.

TERMS OF PAYMENT

Terms are net thirty (30) days from invoice date, unless otherwise agreed to in writing. All amounts past due bear interest during the time they remain unpaid at a rate of 1.5% per month (18% per annum). If the Purchaser shall fail to make payments in accordance to the terms agreed upon, the Seller may defer further shipment until such payments are made or terminate the contract. The Seller may otherwise defer shipment, require payment for any shipment hereunder in advance or terminate the contract if the Purchaser's financial responsibility becomes unsatisfactory to the Seller. Minimum order is \$100.

PRICE AND AVAILABILITY

All prices, terms and conditions of sale are subject to change without prior notice. The prices listed in our printed material or on the Wil-loc website are references only and not to be considered as an offer to sell. Buyer agrees to all terms and conditions of Seller upon the placement of any and all purchase orders. Verify actual availability with a Wil-loc sales representative on the date the order is placed.

SALES TAX

Unless specifically stated otherwise, quoted prices do not include sales tax. We are required by law to collect all applicable state and local taxes on orders shipped within Minnesota, and on product customer picks up at the Seller's location. If Purchaser is tax exempt, Purchaser must submit certificate of exemptions for Seller's files.

LIABILITY & WARRANTY

Having no control over use of the products of this quote, we assume no liability connected with their use. Under no circumstances is the Seller liable for any loss, damage, or expenses of any kind arising out of the use or inability to use our products. All products are covered by normal manufacturer's warranties. No representative of Wil-loc, Inc. has the authority to waive, alter, or add provisions to this warranty. This warranty is EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, any implied warranty or merchant-ability or fitness for a particular purpose. The Buyer's sole and exclusive remedy against Wil-loc, Inc. shall be for the repair or replacement, at the option of Wil-loc, Inc., of defective products as provided herein. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available to Buyer. The Seller shall not be responsible for any direct or indirect damages whatsoever caused by the delays beyond control of the Seller, and without limiting the generality of the foregoing it shall not be responsible for any damages due to delays caused by fires, strikes, lockouts, labor difficulties, material procedure delays, or any other cause beyond its control.

PRICE/FREIGHT RATES

Freight is FOB Shipping Point unless stated otherwise. All freight quotes are estimates and are subject to actual costs incurred. If the Purchaser requests product to be shipped to a location other than the quoted shipping point, Purchaser is responsible for additional freight costs. Oversized or heavy items are shipped via motor freight. If overnight, next day, or other expedited delivery is needed, Seller will ship merchandise by any available express service of Purchaser's choosing at Purchaser's expense. A \$5.00 handling fee will be charged to Collect and/or Drop Shipments.

SHIPPING ERRORS

Any error in weight, number or other specifications must be noted on the bill of lading, and any claim arising therefore must be made in writing within ten (10) days after the receipt by the Purchaser of the equipment, materials or goods sold.

CANCELLATION

Purchase orders are not subject to cancellation as a whole or part, and are not subject to change without approval of the Seller. Cancellations of any specialty fabricated items on which work has begun will be accepted only upon payment of reasonable charges, taking into account expenses already incurred, and commitments already made by Seller. See RETURNED MATERIALS below.

DAMAGE IN SHIPMENT

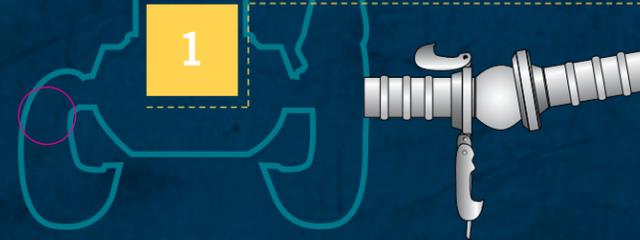
Despite our best efforts, items may occasionally be damaged in transit. Freight carriers are liable for damages only when damage is indicated on the bill of lading before you sign for the shipment. Therefore, we recommend that you inspect the outside and contents of all cartons received. If any damage is found, write details on the bill of lading and save the shipment, including the outside container and inside packing material. Ask the delivery carrier to make an inspection and document damage immediately. Per ICC regulations, it is the responsibility of the consignee to file a damage claim with the carrier promptly after inspection.

RETURNED MATERIALS

The amount of credit, if any, allowed to the Purchaser for the materials returned, shall be the sole discretion of the Seller. Most items may be returned within 30 days of receipt. Specialty fabricated items are non-refundable or returnable. Please call, fax, or write our Customer Service Department for a Return Authorization Number and shipping instructions prior to return. Our standard restocking charge is 15%. Shipping charges should be prepaid unless otherwise arranged in advance. All merchandise must be carefully packed and will be subject to a charge if not in saleable condition.

B-STYLE ASSEMBLY INSTRUCTIONS

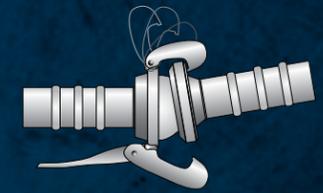
1



STEP ONE

Insert the ball into the socket so that the ball seats loosely against the O-ring inside the socket.

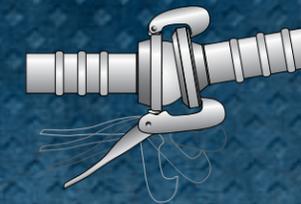
2



STEP TWO

Reach around the socket with the "short" locking jaw and seat its' gripping edge securely into the grooved lip on the back side of the socket.

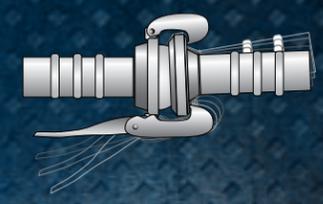
3



STEP THREE

While keeping tension on the "short" locking jaw so that it remains in place, open the lever arm attached to the "long" locking jaw so that it extends to reach behind the socket and seat securely into the groove lip.

4



STEP FOUR

Finally, ensure that the leading edge of the ball is aligned just enough so that it does not cut into the O-ring surface, then close the lever arm (or pull towards the barbed hose shank) and lock the ball into the socket.

A-STYLE ASSEMBLY INSTRUCTIONS

1



STEP ONE

Insert the ball into the socket so that the ball seats loosely against the O-ring inside the socket.

2



STEP TWO

Reach around the locking ring with the "short" locking jaw and seat its' gripping edge securely into the grooved lip on the back side of the locking ring.

3



STEP THREE

While keeping tension on the "short" locking jaw so that it remains in place, extend the "long" locking jaw forward to reach behind the locking ring and seat the gripping edge securely into the grooved lip.

4



STEP FOUR

Finally, ensure that the leading edge of the ball is aligned enough so that it does not cut into the O-ring surface, then (with 12" fittings) insert the leverage bar into the hole provided on the base of the "long" jaw and pull back toward the barbed shank to lock the ball into the socket.

***NOTE:** 10" A-Style Wil-loc female/socket fittings have lever locking handles permanently attached to the "long" jaw mechanism. Locking action is similar to the B-Style lever arm.

For additional information about the assembly or use of Wil-loc® Quick Coupling products, contact customer service at 1.800.801.0123