

Pump Accessories

Flexible Pump Connectors

Save your pipes from damaging vibration!

These **Unisource** brand flexible "braided" stainless steel pump connectors are rated to 250 psig. Designed to eliminate the pipe vibration caused by pump operation. Available in both standard npt threaded connections and standard flanged connections. The hose and braid are made of either 321 (on the flanged) or 304 stainless steel (on the threaded style); the flange style has carbon steel plate flanges to 250 psig. Call for other styles and sizes!



Pipe Size	Connection Style	Overall Length	Order No.
1/2	Threaded	12"	FL1005
3/4	Threaded	12	FL1010
1	Threaded	12	FL1015
1-1/4	Threaded	12	FL1020
1-1/2	Threaded	12	FL1025
2	Threaded	12	FL1030
1-1/2	Flanged	9	FL1100
2	Flanged	9	FL1105
2-1/2	Flanged	9	FL1110
3	Flanged	9	FL1115
4	Flanged	9	FL1120

Rubber Expansion Joints

Vibration Elimination for Pumps and Expansion Absorbing for Pipe Movement



Rated to 235 psig @ 265° F

Steel Rotating Flanges

Superior neoprene elastomer connectors for absorbing vibration and noise generated by mechanical equipment. Spherical design of the Neoprene elastomer compound insures that internal pressures are exerted in all directions.

- Handles pressures to 235 psig @ 265° F.
- Perfect for HVAC or Industrial applications where a flexible connector is needed to absorb axial, transverse or angular pipe movements ■ Steel rotating flange.
- Anchoring Units must be installed when system pressures exceed the following ratings: Pipe sizes 1-1/2 through 10" @ 135 psig — Pipe sizes 12 to 14 @ 90 psig

Pipe Size	Face-to-Face Length	Compression Movement	Elongation Movement	Lateral Movement	Angular Degree	Order No.
1½	6	.500"	.375	.500	15	FL1200
2	6	.500	.375	.500	15	FL1205
2½	6	.500	.375	.500	15	FL1210
3	6	.500	.375	.500	15	FL1215
4	6	.750	.500	.500	15	FL1220
5	6	.750	.500	.500	15	FL1225
6	6	.750	.500	.500	15	FL1230
8	6	.750	.500	.500	15	FL1235
10	8	1.00	.625	.750	15	FL1240
12	8	1.00	.625	.750	15	FL1245



Non-Detergent Motor Oil

Non-detergent 20W motor oil is used for lubricating pumps. 10W and 30W also offered in Quart containers.

Non-detergent oil	Weight	Order No.
4 ounce tube with spout	20W	HI1140
	10W	OA1005
Quart container	20W	OA1015
	30W	OA1025



Stainless Steel Check Valves

Model No.	Pipe Size	Order No.
SCV	½"	DP1100
	¾"	DP1105
	1"	DP1110
	1¼"	DP1115
	1½"	DP1120
	2"	DP1125

Pump Accessories

Wood's Pump Couplers Select Flanges and Rubber Inserts

These premium quality Wood's couplers are often used by the original pump manufacturer to provide many of their pumps with the most stable pumping action available.

- The iron flanges placed on either side of the rubber insert are available in a variety of sizes.
- Rubber inserts (sometimes called rubber sleeves) are easily replaced, and allow your coupler (a complete set of two flanges and one rubber sleeve) to be "repaired."
- All coupling flanges have a proportionately sized Keyway.



Complete coupler with 2 flanges and one rubber insert

Spiralink Pump Couplers Used in place of B&G Couplers and Others



Don't you just hate it when your pump coupler seems to be breaking "all the time!" Well, on pumps with resilient motor mounts, replace the motor mounts! But, if that fails to stop your spring couplers from breaking, try these Spiralink coiled spring pump couplers.

- The unique design of these Spiralink couplers provides you with superior flexibility, thereby extending pumping life by absorbing torque load on bearings and seals.
- The tempered spiral spring provides tremendous absorption powers. Most likely, only a seized impeller can rupture this coupler!
- Select appropriate model from table below.

Flanges

Flanges	Shaft Size	Order No.
3J	3/8	WK1038
3J	1/2	WK1040
3J	5/8	WK1050
4J	1/2	WK1045
4J	5/8	WK1055
4J	3/4	WK1065
4J	7/8	WK1080
4J	1	WK1090
5J	5/8	WK1060
5J	3/4	WK1070
5J	7/8	WK1085
5J	1	WK1095
5J	1-1/8	WK1108
6J	3/4	WK1075
6J	7/8	WK1087
6J	1	WK1100
6J	1-1/8	WK1110
6J	1-1/4	WK1120
6J	1-3/8	WK1130
7S	1	WK1105
7S	1-1/8	WK1115
7S	1-1/4	WK1125
7S	1-5/8	WK1135

Rubber Sleeves

Rubber Sleeves	Order No.
3JE	WK1005
3JE	WK1005
3JE	WK1005
4JE	WK1010
4JE	WK1010
4JE	WK1010
4JE	WK1010
4JE	WK1010
4JE	WK1010
5JE	WK1015
5JE	WK1015
5JE	WK1015
5JE	WK1015
5JE	WK1015
6JE	WK1020
6JE	WK1020
6JE	WK1020
6JE	WK1020
6JE	WK1020
7JE	WK1025
7JE	WK1025
7JE	WK1025
7JE	WK1025
7JE	WK1025
8JE	WK1030
9JE	WK1035
9JS	WK1036
10JS	WK1037

Two flanges **plus** a Rubber Sleeve equals one complete pump coupler

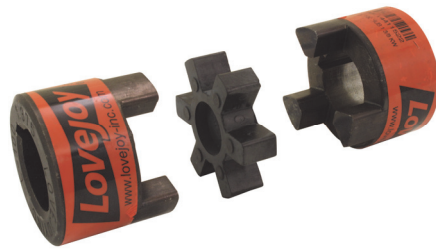
Spiralink Couplers

Bell & Gossett Pump Model	Pump HP	Original Equipment Coupler No.	Coupler Shaft Size Each End (inches)	Spiralink Replacement Coupler
Booster Pumps				
Series 100 Booster	1/12	118705 or 189110	1/2 x 1/2	SS1005
HV Series	1/6	118705 or 189110	1/2 x 1/2	SS1005
PD Series Pumps				
PD-35	1/2	118473 or 118709	1/2 x 5/8	SS1010
PD-37	3/4	P77271	1/2 x 5/8	SS1010
PD-38 & PD-39	1	118473	5/8 x 5/8	SS1015
60 Series Pumps				
60-11 & 60-1	1/4	118473	1/2 x 5/8	SS1010
60-13 & 60-3	1/2	118473	1/2 x 5/8	SS1010
60-14 & 60-4	3/4	118473	1/2 x 5/8	SS1010
60-15 & 60-5	1/2	186410 or P77237	5/8 x 5/8	SS1015
60-16 & 60-6	3/4	186410 or P77237	5/8 x 5/8	SS1015
60-17 & 60-19	1	P77271	5/8 x 5/8	SS1015

Pump Accessories

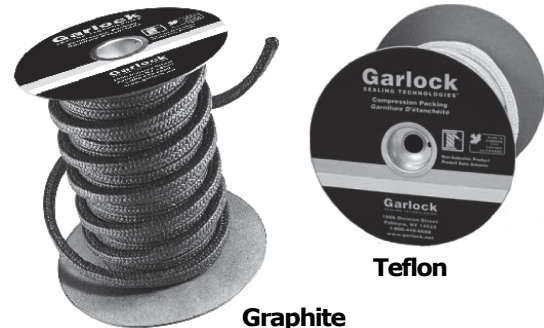
Love-Joy Pump Couplers

Order flanges and rubber sleeves separately.



Flange Model	Shaft Size	Keyway Size	Order No.	Rubber Sleeves for Flanges	Order No.
L050	3/8	None	LJ1100	L050-SOX	LJ1005
L050	7/16	None	LJ1105	L050-SOX	LJ1005
L050	1/2	None	LJ1110	L050-SOX	LJ1005
L050	9/16	None	LJ1115	L050-SOX	LJ1005
L050	5/8	None	LJ1120	L050-SOX	LJ1005
L070	3/8	None	LJ1125	L070-SOX	LJ1010
L070	7/16	None	LJ1130	L070-SOX	LJ1010
L070	1/2	None	LJ1135	L070-SOX	LJ1010
L070	9/16	None	LJ1140	L070-SOX	LJ1010
L070	5/8	None	LJ1145	L070-SOX	LJ1010
L070	3/4	None	LJ1150	L070-SOX	LJ1010
L070	7/8	None	LJ1155	L070-SOX	LJ1010
L075	1/2	None	LJ1160	L075-SOX	LJ1015
L075	9/16	None	LJ1165	L075-SOX	LJ1015
L075	5/8	None	LJ1170	L075-SOX	LJ1015
L075	3/4	None	LJ1175	L075-SOX	LJ1015
L075	7/8	None	LJ1180	L075-SOX	LJ1015
L090	1/2	None	LJ1185	L090/095-SOX	LJ1020
L090	5/8	None	LJ1190	L090/095-SOX	LJ1020
L090	3/4	None	LJ1195	L090/095-SOX	LJ1020
L090	7/8	1/4 x 1/8	LJ1200	L090/095-SOX	LJ1020
L090	1	1/4 x 1/8	LJ1205	L090/095-SOX	LJ1020
L095	5/8	None	LJ1210	L090/095-SOX	LJ1020
L095	3/4	None	LJ1215	L090/095-SOX	LJ1020
L095	7/8	1/4 X 1/8	LJ1220	L090/095-SOX	LJ1020
L095	1	1/4 X 1/8	LJ1225	L090/095-SOX	LJ1020
L095	1-1/16	1/4 X 1/8	LJ1230	L090/095-SOX	LJ1020
L095	1-1/8	1/4 X 1/8	LJ1235	L090/095-SOX	LJ1020
L099	5/8	None	LJ1240	L099/100-SOX	LJ1025
L099	3/4	None	LJ1245	L099/100-SOX	LJ1025
L099	7/8	None	LJ1250	L099/100-SOX	LJ1025
L099	1	1/4 X 1/8	LJ1255	L099/100-SOX	LJ1025
L099	1-1/16	1/4 X 1/8	LJ1260	L099/100-SOX	LJ1025
L099	1-1/8	1/4 X 1/8	LJ1265	L099/100-SOX	LJ1025
L099	1-3/16	1/4 X 1/8	LJ1270	L099/100-SOX	LJ1025
L100	3/4	None	LJ1275	L099/100-SOX	LJ1025
L100	7/8	1/4 x 1/8	LJ1280	L099/100-SOX	LJ1025
L100	1	1/4 x 1/8	LJ1285	L099/100-SOX	LJ1025
L100	1-1/16	1/4 x 1/8	LJ1290	L099/100-SOX	LJ1025
L100	1-1/8	1/4 x 1/8	LJ1295	L099/100-SOX	LJ1025
L100	1-3/16	1/4 x 1/8	LJ1300	L099/100-SOX	LJ1025
L100	1-1/4	5/16 x 5/32	LJ1305	L099/100-SOX	LJ1025
L100	1-5/16	5/16 x 5/32	LJ1310	L099/100-SOX	LJ1025
L100	1-3/8	3/8 x 3/16	LJ1315	L099/100-SOX	LJ1025

Packing for Pump Shafts, Valves and More! Teflon & Graphite Impregnated



This Garlock brand packing is soft and resilient.

- The **Teflon packing** is just that, impregnated with soft Teflon to insure a tight water seal. For superior seal and cooler running shafts. Temp. range to 1000° F.
- The **Graphite packing** is saturated throughout with petrolatum and graphite to offer added sealing strength. Great for steam heating systems, and for older equipment with worn bearings or old shafts. Temp. range to 500° F; Pressure to 200 psig.

Teflon (diameter)	Feet per Roll	Teflon Order No.	Graphite (diameter)	Feet Per Roll	Graphite Order No.
1/8"	78	GB1035	1/8"	78	GB1005
3/16	34	GB1040	3/16	34	GB1010
1/4	21	GB1045	1/4	21	GB1015
5/16	14	GB1050	5/16	14	GB1020
3/8	8	GB1055	3/8	8	GB1025
1/2	5	GB1060	1/2	5	GB1030

Packing Hooks Easily Remove Pump Packing!



These Rhopac brand packing hooks have a spiral wound spring arm, allowing you to get at hard-to-reach places. An absolutely essential tool for the building maintenance professional.

Buy individually or choose the functional three piece set.

Model No.	Length	Shaft Diameter	Bit Hook Diameter	Order No.
1	6-1/4"	3/16"	1/4"	RF1005
2	10-5/8	1/4	5/16	RF1010
3	15	3/8	3/8	RF1015
Set of 3	1 each of the packing hooks above			RF1020

Pump Accessories

Expansion Tanks for Hot Water Heating



ET Non-Potable Water Expansion Tanks are for use in commercial and residential closed loop hydronic heating system piping to control the thermal expansion of hot water and maintain system pressure below the relief setting of the relief valve. The pre-pressurized steel tank features a durable expansion membrane that prevents contact of the water with the air in the tank. This rugged diaphragm minimizes loss of the air change and ensures long and trouble-free life for the system.

- Maximum Pressure: 60psi.
- Maximum Temperature: 240° F.

Model No.	Volume Gallons	Gallons Accepted	Connection Size	Diameter & Length inches	Order No.
ETX-15	2.1	1.4	1/2"	8D x 12L	AF1005
ETX-30	4.7	3	1/2"	11D x 15L	AF1010
ETX-60	6.6	4.3	1/2"	12D x 15L	AF1015
ETX-90	13	8	3/4"	15D x 21L	AF1020

Potable Water Expansion Tanks



PLT-M1 Domestic Potable Water Expansion Tanks are used on gas, oil, or electric, direct-fired, residential water heater and hot water storage tank applications to absorb the increased volume of water created by thermal expansion.

- Maintains balanced pressure throughout the water supply system by keeping system pressure below the T&P relief valve setting.
- Pre-pressurized, field-adjustable steel tank with an FDA-approved Butyl rubber diaphragm, and brass 3/4 in. male inlet connection except the DET-35-M1 — has a stainless steel 1 inch female inlet connection.
- Expansion membrane prevents air-to-water contact in the tank ensuring a long system life.
- Maximum Pressure: 150psi.

Commonly installed on hot water heaters and hot water storage tanks in hydronic heating systems.

Potable water is sent to kitchens, bathrooms, laundries, etc.

M1 Model No.	Volume Gallons	Maximum Pressure psig	*Pipe Size	Diameter & Length	Order No.
PLT-5	2.1	150	3/4" M	8 ³ / ₈ X 12 ¹ / ₂	AF1021
PLT-12	4.5	150	3/4" M	11 ³ / ₈ X 14 ³ / ₄	AF1022
PLT-20	8.5	150	3/4" M	15 ³ / ₈ X 14 ¹ / ₂	AF1023
PLT-35	14.0	100	1" F	15 ³ / ₈ X 24 ³ / ₄	AF1024

* **M** = male connection; **F** = female connection

Complete Boiler Expansion Tank Assembly with Accessories



Series HP Boiler Trim-Out Packages are for use on commercial and residential closed loop hydronic heating systems. Packages include an air scoop, a 1/8 inch and 1/2 inch service check valve, float vent, and combination fill valve and backflow preventer and ET series expansion tank.

Hot Water Boiler Trim Out Packages	Order No.
Watts 1 ETX-30 ASF, Air scoop has 1" npt female connection. With 1/2" ET-30 gallon expansion tank and accessories detailed above.	AF1040
Watts 1 ETX-60-ASF, Air scoop has 1 npt female connection. With 1/2" ET-60 gallon expansion tank and accessories detailed above.	AF1045
Watts 1 ETX-15-ASF, Air scoop has 1" npt female connection. With 1/2" ET-15 gallon expansion tank and accessories detailed above.	AF1035
Individual Air Scoops (Separators)	
1" Air Separator, 1/2" to tank, 1/8" to vent	AF1025
1 1/4" Air Separator, 1/2" to tank, 1/8" to vent	AF1030

Individual Accessories



No.	Individual Accessories	ORDER NO.
1	Watts 1156F Watts, 1/2" Feed Water Pressure Regulator for use in commercial and residential hydronic heating systems.	WC1160
2	Watts 9D backflow preventer provides protection against both back pressure and back siphoning in small supply lines to boilers.	WC1025
3	Sparco FV147 air vent brings 2 to 3 times more air venting capacity than other models. Compact design. Air venting to 150 psi.	SA1050