

SINGLE EXPANSION JOINT SOCKET X SOCKET WITH O-RING

Installation of Expansion Joints:

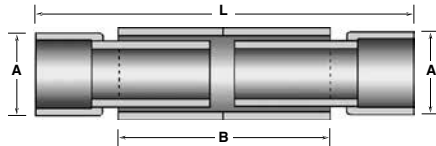
- When the duct is shorter than 50 ft., no Expansion Joint needed
- When the duct is between 50 ft. up to 200 ft., install one Expansion Joint at the mid point
- If the duct is longer than 200 ft., install one Expansion Joint every 200 ft. apart

Note: All Expansion Joints have a yellow line on the nipple end of the joint for proper installation.

Nominal Size	Type	IPS Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
¾	SW	07A-SW-37	07C-SW-37	1.20 (30)	12 (305)	18 (457)	26 (660)	0.49	(0.22)
1	SW	10A-SW-37	10C-SW-37	1.46 (37)	12 (305)	18 (457)	26 (660)	0.55	(0.25)
1¼	SW	12A-SW-37	12C-SW-37	1.81 (46)	12 (305)	18 (457)	26 (660)	0.66	(0.30)
1½	SW	15A-SW-37	15C-SW-37	2.04 (52)	12 (305)	18 (457)	26 (660)	0.76	(0.35)
2	SW	20A-SW-37	20C-SW-37	2.54 (65)	12 (305)	18 (457)	26 (660)	1.09	(0.50)
3	SW	30A-SW-37	30C-SW-37	3.66 (93)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40A-SW-37	40C-SW-37	4.61 (117)	12 (305)	18 (457)	26 (660)	2.07	(0.94)
4	HW	40A-HW-37	40C-HW-37	4.69 (119)	12 (305)	18 (457)	26 (660)	2.79	(1.27)
5	SW	50A-SW-37	50C-SW-37	5.68 (144)	12 (305)	18 (457)	26 (660)	2.59	(1.18)
5	MW	50A-MW-37	50C-MW-37	5.79 (147)	12 (305)	18 (457)	26 (660)	3.45	(1.57)
5	HW	50A-HW-37	50C-HW-37	5.85 (149)	12 (305)	18 (457)	26 (660)	3.74	(1.70)
6	SW	60A-SW-37	60C-SW-37	6.75 (171)	12 (305)	18 (457)	26 (660)	2.88	(1.31)
6	MW	60A-MW-37	60C-MW-37	6.85 (174)	12 (305)	18 (457)	26 (660)	4.08	(1.85)
6	HW	60A-HW-37	60C-HW-37	6.91 (176)	12 (305)	18 (457)	26 (660)	4.69	(2.13)

Nominal Size	Type	ID Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
2	SW	20B-SW-37	20D-SW-37	2.30 (58)	12 (305)	18 (457)	26 (660)	0.98	(0.45)
2½	SW	25B-SW-37	25D-SW-37	2.80 (71)	12 (305)	18 (457)	26 (660)	1.21	(0.55)
3	SW	30B-SW-37	30D-SW-37	3.30 (84)	12 (305)	18 (457)	26 (660)	1.38	(0.63)
3½	SW	35B-SW-37	35D-SW-37	3.80 (96)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40B-SW-37	40D-SW-37	4.30 (109)	12 (305)	18 (457)	26 (660)	1.98	(0.90)
4	HW	40B-HW-37	40D-HW-37	4.39 (111)	12 (305)	18 (457)	26 (660)	2.65	(1.20)
4½	SW	45B-SW-37	45D-SW-37	4.80 (122)	12 (305)	18 (457)	26 (660)	2.16	(0.98)
4½	HW	45B-HW-37	45D-HW-37	4.89 (124)	12 (305)	18 (457)	26 (660)	2.99	(1.36)
5	SW	50B-SW-37	50D-SW-37	5.30 (135)	12 (305)	18 (457)	26 (660)	2.44	(1.11)
5	MW	50B-MW-37	50D-MW-37	5.39 (137)	12 (305)	18 (457)	26 (660)	3.25	(1.48)
5	HW	50B-HW-37	50D-HW-37	5.42 (138)	12 (305)	18 (457)	26 (660)	3.80	(1.73)
6	SW	60B-SW-37	60D-SW-37	6.30 (160)	12 (305)	18 (457)	26 (660)	2.93	(1.33)
6	MW	60B-MW-37	60D-MW-37	6.39 (162)	12 (305)	18 (457)	26 (660)	3.88	(1.76)
6	HW	60B-HW-37	60D-HW-37	6.42 (163)	12 (305)	18 (457)	26 (660)	4.54	(2.06)

Nominal Size	Type	Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
2	XW	20B-XW-37	20D-XW-37	3.000 (76)	12 (305)	18 (457)	26 (660)	3.62	(1.64)
2½	XW	25B-XW-37	25D-XW-37	3.525 (90)	12 (305)	18 (457)	26 (660)	4.44	(2.01)
3	XW	30B-XW-37	30D-XW-37	4.000 (102)	12 (305)	18 (457)	26 (660)	5.23	(2.37)
3½	XW	35B-XW-37	35D-XW-37	4.525 (115)	12 (305)	18 (457)	26 (660)	6.06	(2.75)
4	XW	40B-XW-37	40D-XW-37	5.000 (127)	14 (356)	22 (559)	32 (812)	7.89	(3.58)
5	XW	50B-XW-37	50D-XW-37	6.000 (152)	14 (356)	22 (559)	32 (812)	9.75	(4.43)
6	XW	60B-XW-37	60D-XW-37	7.000 (178)	14 (356)	22 (559)	32 (812)	12.08	(5.48)
8	XW	80A-XW-37	80C-XW-37	9.420 (239)	14 (356)	22 (559)	32 (812)	16.56	(7.52)



DOUBLE EXPANSION JOINT, NO O-RING

Double expansion joint is sometimes referred to as back-to-back expansion joint.

Same instructions & note as above

Nominal Size	Type	IPS Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
¾	SW	07A-SW-38	07C-SW-38	1.20 (30)	17 (432)	29 (737)	45 (1143)	0.84	(0.38)
1	SW	10A-SW-38	10C-SW-38	1.46 (37)	17 (432)	29 (737)	45 (1143)	0.94	(0.43)
1¼	SW	12A-SW-38	12C-SW-38	1.81 (46)	17 (432)	29 (737)	45 (1143)	1.14	(0.52)
1½	SW	15A-SW-38	15C-SW-38	2.04 (52)	17 (432)	29 (737)	45 (1143)	1.63	(0.74)
2	SW	20A-SW-38	20C-SW-38	2.54 (65)	17 (432)	29 (737)	45 (1143)	1.88	(0.85)
3	SW	30A-SW-38	30C-SW-38	3.66 (93)	17 (432)	29 (737)	45 (1143)	2.97	(1.35)
4	SW	40A-SW-38	40C-SW-38	4.61 (117)	17 (432)	29 (737)	45 (1143)	3.56	(1.62)
4	HW	40A-HW-38	40C-HW-38	4.69 (119)	17 (432)	29 (737)	45 (1143)	4.80	(2.18)
5	SW	50A-SW-38	50C-SW-38	5.68 (144)	17 (432)	29 (737)	45 (1143)	4.46	(2.03)
5	MW	50A-MW-38	50C-MW-38	5.79 (147)	17 (432)	29 (737)	45 (1143)	5.94	(2.70)
5	HW	50A-HW-38	50C-HW-38	5.85 (149)	17 (432)	29 (737)	45 (1143)	6.44	(2.92)
6	SW	60A-SW-38	60C-SW-38	6.75 (171)	17 (432)	29 (737)	45 (1143)	4.95	(2.25)
6	MW	60A-MW-38	60C-MW-38	6.85 (174)	17 (432)	29 (737)	45 (1143)	7.03	(3.19)
6	HW	60A-HW-38	60C-HW-38	6.91 (176)	17 (432)	29 (737)	45 (1143)	8.07	(3.66)

Nominal Size	Type	ID Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
2	SW	20B-SW-38	20D-SW-38	2.30 (58)	17 (432)	29 (737)	45 (1143)	1.68	(0.76)
2½	SW	25B-SW-38	25D-SW-38	2.80 (71)	17 (432)	29 (737)	45 (1143)	2.08	(0.94)
3	SW	30B-SW-38	30D-SW-38	3.30 (84)	17 (432)	29 (737)	45 (1143)	2.38	(1.08)
3½	SW	35B-SW-38	35D-SW-38	3.80 (96)	17 (432)	29 (737)	45 (1143)	2.97	(1.35)
4	SW	40B-SW-38	40D-SW-38	4.30 (109)	17 (432)	29 (737)	45 (1143)	3.42	(1.55)
4	HW	40B-HW-38	40D-HW-38	4.39 (111)	17 (432)	29 (737)	45 (1143)	4.55	(2.07)
4½	SW	45B-SW-38	45D-SW-38	4.80 (122)	17 (432)	29 (737)	45 (1143)	3.71	(1.68)
4½	HW	45B-HW-38	45D-HW-38	4.89 (124)	17 (432)	29 (737)	45 (1143)	5.15	(2.34)
5	SW	50B-SW-38	50D-SW-38	5.30 (135)	17 (432)	29 (737)	45 (1143)	4.21	(1.91)
5	MW	50B-MW-38	50D-MW-38	5.39 (137)	17 (432)	29 (737)	45 (1143)	5.59	(2.54)
5	HW	50B-HW-38	50D-HW-38	5.42 (138)	17 (432)	29 (737)	45 (1143)	6.53	(2.97)
6	SW	60B-SW-38	60D-SW-38	6.30 (160)	17 (432)	29 (737)	45 (1143)	5.05	(2.30)
6	MW	60B-MW-38	60D-MW-38	6.39 (162)	17 (432)	29 (737)	45 (1143)	6.68	(3.03)
6	HW	60B-HW-38	60D-HW-38	6.42 (163)	17 (432)	29 (737)	45 (1143)	7.82	(3.55)

Nominal Size	Type	Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
2	XW	20B-XW-38	20D-XW-38	3.000 (76)	17 (432)	29 (737)	45 (1143)	6.24	(2.83)
2½	XW	25B-XW-38	25D-XW-38	3.525 (90)	17 (432)	29 (737)	45 (1143)	7.63	(3.46)
3	XW	30B-XW-38	30D-XW-38	4.000 (102)	17 (432)	29 (737)	45 (1143)	9.01	(4.09)
3½	XW	35B-XW-38	35D-XW-38	4.525 (115)	17 (432)	29 (737)	45 (1143)	10.40	(4.72)
4	XW	40B-XW-38	40D-XW-38	5.000 (127)	17 (432)	29 (737)	45 (1143)	11.78	(5.35)
5	XW	50B-XW-38	50D-XW-38	6.000 (152)	17 (432)	29 (737)	45 (1143)	14.55	(6.61)
6	XW	60B-XW-38	60D-XW-38	7.000 (178)	17 (432)	29 (737)	45 (1143)	19.25	(8.74)
8	XW	80A-XW-38	80C-XW-38	9.420 (239)	17 (432)	29 (737)	45 (1143)	26.40	(11.99)