

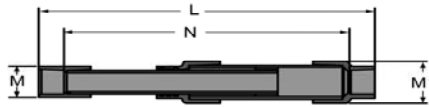
Expansion Joints Technical
Expansion Joint Dimensions



Fabricated Expansion Joints

6" Travel with EPDM O-rings
 1/2" - 2" 235 psi @ 73°F (23°C) 2-1/2" - 12" 150
 psi @ 73°F (23°C) 14" 100 psi @ 73°F (23°C)

T = TRAVEL



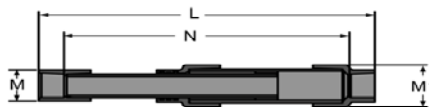
Part Number	Size	L-Closed	L-Open	M	M1	N-Closed	N-Open	T	Approx. Wt. (Lbs.)
826-005X6*	1/2	10-9/16	16-9/16	1-3/16	1-3/4	8-13/16	14-13/16	6	.59
826-007X6*	3/4	12	18	1-7/16	2-1/8	10	16	6	.83
826-010X6*	1	12-1/2	18-1/2	1-5/8	2-3/8	10-1/4	16-1/4	6	1.36
826-012X6*	1-1/4	13-1/16	19-1/16	2-1/4	2-3/8	10-1/2	16-1/2	6	1.70
826-015X6*	1-1/2	13-1/4	19-1/4	2-3/8	2-7/8	10-7/16	16-7/16	6	2.60
826-020X6*	2	14-7/16	20-7/16	2-7/8	3-1/2	11-7/16	17-7/16	6	3.91
826-025X6*	2-1/2	16-1/4	22-1/4	4-3/16	4-1/2	12-3/4	18-3/4	6	6.42
826-030X6*	3	15-5/8	21-5/8	4-3/16	4-1/2	11-13/16	17-13/16	6	5.61
826-040X6*	4	16-15/16	22-15/16	5-1/4	5-9/16	12-9/16	18-9/16	6	11.51
826-060X6*	6	19-3/4	25-3/4	7-9/16	8-5/8	13-5/8	19-5/8	6	25.13
826-080X6*	8	24-1/2	30-1/2	9-11/16	10-3/4	16-9/16	22-9/16	6	44.67
826-100X6*	10	28-7/8	34-7/8	12-1/16	12-3/4	18-7/8	24-7/8	6	81.75
826-120X6*	12	34	40	14-1/4	16	22	28	6	140.40
826-140X6*	14	40-3/4	46-3/4	15-1/2	16	26	32	6	146.76

FKM O-rings available on special order. Add a "V" preceding the dash (-) separator, e.g. 826V-005X6.
 * Fabricated

Fabricated Expansion Joints

12" Travel with EPDM O-rings
 1/2" - 2" 235 psi @ 73°F (23°C) 2-1/2" - 12" 150
 psi @ 73°F (23°C) 14" 100 psi @ 73°F (23°C)

T = TRAVEL



Part Number	Size	L-Closed	L-Open	M	M1	N-Closed	N-Open	T	Approx. Wt. (Lbs.)
826-005X12*	1/2	16-9/16	28-9/16	1-3/16	1-3/4	14-13/16	26-13/16	12	.93
826-007X12*	3/4	18	30	1-7/16	2-1/8	16	28	12	1.29
826-010X12*	1	18-1/2	30-1/2	1-5/8	2-3/8	16-1/4	28-1/4	12	1.79
826-012X12*	1-1/4	19-1/16	31-1/16	2-1/4	2-3/8	16-1/2	28-1/2	12	2.28
826-015X12*	1-1/2	19-1/4	31-1/4	2-3/8	2-7/8	16-7/16	28-7/16	12	3.66
826-020X12*	2	20-7/16	32-7/16	2-7/8	3-1/2	17-7/16	29-7/16	12	5.28
826-025X12*	2-1/2	22-1/4	34-1/4	4-3/16	4-1/2	18-3/4	30-3/4	12	8.23
826-030X12*	3	21-5/8	33-5/8	4-3/16	4-1/2	17-13/16	29-13/16	12	7.39
826-040X12*	4	22-15/16	34-15/16	5-1/4	5-9/16	18-9/16	30-9/16	12	15.54
826-060X12*	6	25-3/4	37-3/4	7-9/16	8-5/8	19-5/8	31-5/8	12	32.20
826-080X12*	8	30-1/2	42-1/2	9-11/16	10-3/4	22-9/16	34-9/16	12	55.11
826-100X12*	10	34-7/8	46-7/8	12-1/16	12-3/4	24-7/8	36-7/8	12	96.11
826-120X12*	12	40	52	14-1/4	16	28	40	12	175.79

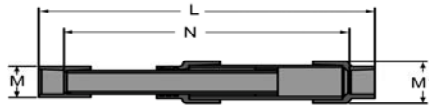


Expansion Joints Technical Expansion Joint Dimensions

Fabricated Expansion Joints

(Continued)

12" Travel with EPDM O-rings
 1/2" - 2" 235 psi @ 73°F (23°C) 2-1/2" - 12" 150
 psi @ 73°F (23°C) 14" 100 psi @ 73°F (23°C)



T = TRAVEL

Part Number	Size	L-Closed	L-Open	M	M1	N-Closed	N-Open	T	Approx. Wt. (Lbs.)
826-140X12*	14	46-3/4	58-3/4	15-1/2	16	32	44	12	164.81

FKM O-rings available on special order. Add a "V" preceding the dash (-) separator, e.g. 826V-005X12

* Fabricated

Fabricated Expansion Joints

6" Travel with FKM O-rings
 1/2" - 2" 235 psi @ 73°F (23°C) 2-1/2" - 12" 150
 psi @ 73°F (23°C) 14" 100 psi @ 73°F (23°C)



T = TRAVEL

Part Number	Size	L-Closed	L-Open	M	M1	N-Closed	N-Open	T	Approx. Wt. (Lbs.)
826-005X6C*	1/2	10-9/16	16-9/16	1-3/16	1-3/4	8-13/16	14-13/16	6	.77
826-007X6C*	3/4	12	18	1-7/16	2- 1/8	10	16	6	1.07
826-010X6C*	1	12-1/2	18-1/2	1-5/8	2-3/8	10-1/14	16-1/4	6	1.44
826-012X6C*	1-1/4	13-1/16	19-1/16	2-1/4	2- 3/8	10-1/2	16-1/2	6	1.82
826-015X6C*	1-1/2	13-1/4	19-1/4	2-3/8	2- 7/8	10-7/16	16-7/16	6	2.67
826-020X6C*	2	14-7/16	20-7/16	2- 7/8	3- 1/2	11-7/16	17-7/16	6	4.10
826-025X6C*	2-1/2	16-1/4	22-1/4	4- 3/16	4- 1/2	12-3/4	18-3/4	6	6.82
826-030X6C*	3	15-5/8	21-5/8	4- 3/16	4- 1/2	11-13/16	17-13/16	6	5.98
826-040X6C*	4	16-15/16	22-15/16	5-1/4	5- 9/16	12-9/16	18-9/16	6	8.90
826-060X6C*	6	19-3/4	25-3/4	7-9/16	8- 5/8	13-5/8	19-5/8	6	31.13
826-080X6C*	8	24-1/2	30-1/2	9-11/16	10- 3/4	16-9/16	22-9/16	6	46.59
826-100X6C*	10	28-7/8	34-7/8	12-1/16	12- 3/4	18-7/8	24-7/8	6	90.88
826-120X6C*	12	34	40	14-1/4	16	22	28	6	158.72
826-140X6C*	14	40-3/4	46-3/4	15-1/2	16	26	32	6	172.37

EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X6C

* Fabricated

Expansion Joints Technical
Expansion Joint Dimensions



Fabricated Expansion Joints

12" Travel with FKM O-rings
 1/2" - 2" 235 psi @ 73°F (23°C) 2-1/2" - 12" 150
 psi @ 73°F (23°C) 14" 100 psi @ 73°F (23°C)

T = TRAVEL



Part Number	Size	L-Closed	L-Open	M	M1	N-Closed	N-Open	T	Approx. Wt. (Lbs.)
826-005X12C*	1/2	16-9/16	28-9/16	1-3/16	1-3/4	14-13/16	26-13/16	12	1.04
826-007X12C*	3/4	18	30	1-7/16	2- 1/8	16	28	12	1.43
826-010X12C*	1	18-1/2	30-1/2	1-5/8	2-3/8	16-1/4	28-1/4	12	1.90
826-012X12C*	1-1/4	19-1/16	31-1/16	2-1/4	2- 3/8	16-1/2	28-1/2	12	2.44
826-015X12C*	1-1/2	19-1/4	31-1/4	2-3/8	2- 7/8	16-7/16	28-7/16	12	3.74
826-020X12C*	2	20-7/16	32-7/16	2- 7/8	3- 1/2	17-7/16	29-7/16	12	5.54
826-025X12C*	2 -1/2	22-1/4	34-1/4	4- 3/16	4- 1/2	18-3/4	30-3/4	12	8.73
826-030X12C*	3	21-5/8	33-5/8	4- 3/16	4- 1/2	17-13/16	29-13/16	12	7.89
826-040X12C*	4	22-15/16	34-15/16	5-1/4	5- 9/16	18-9/16	30-9/16	12	11.20
826-060X12C*	6	25- 3/4	37-3/4	7-9/16	8- 5/8	19-5/8	31-5/8	12	40.24
826-080X12C*	8	30-1/2	42-1/2	9-11/16	10- 3/4	22-9/16	34-9/16	12	57.62
826-100X12C*	10	34-7/8	46-7/8	12-1/16	12- 3/4	24-7/8	36-7/8	12	106.56
826-120X12C*	12	40	52	14-1/4	16	28	40	12	215.79
826-140X12C*	14	46-3/4	58-3/4	15-1/2	16	32	44	12	192.94

EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X12C

* Fabricated

Repair Coupling - Spigot x Socket

PVC White with EPDM O-ring
 Can be used as short-stroke Expansion Joint

Pressure Rating
 1/2'- 2" 235 psi @ 73° F
 2-1/2" - 4" 200 psi @ 73° F
 6" & up 150 psi @ 73 ° F



Part Number	Size	L	L2	L3	M	T	Approx. Wt. (Lbs.)
S118-05	1/2	11/16	6-3/8	5-11/16	1-7/16	3	.24
S118-07	3/4	3/4	7-11/16	6-15/16	1-11/16	4	.42
S118-10	1	31/32	8-1/2	7-1/2	2-1/16	4	.67
S118-12	1-1/4	1	8-3/4	7-3/4	2-3/8	4	.87
S118-15	1-1/2	1-3/32	9-3/16	8-1/16	2-11/16	4	1.02
S118-20	2	1-3/16	9-15/16	8-3/4	3-3/16	4	1.55
S118-25	2-1/2	1-27/32	13-5/8	11-3/4	3-15/16	6	3.63
S118-30	3	1-15/16	13-5/8	11-11/16	4-5/8	6	4.44
S118-40	4	2-5/16	14-7/8	12-9/16	5-11/16	6	6.64
S118-60	6	3-1/16	17-3/16	14-1/8	8-7/16	6	14.72

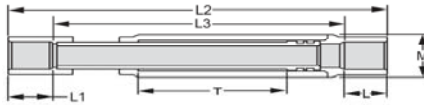
Unit Must Be Thrust Blocked



Expansion Joints Technical Expansion Joint Dimensions

Repair Coupling - Socket x Socket

PVC White with EPDM O-ring
Can be used as short-stroke Expansion Joint



Pressure Rating
1/2" - 2" 235 psi @ 73° F
2-1/2" - 4" 200 psi @ 73° F
6" & up 150 psi @ 73° F

Part Number	Size	L	L1	L2	L3	M	T	Approx. Wt. (Lbs.)
S119-05	1/2	11/16	7/8	7-3/8	5-13/16	1-7/16	3	.28
S119-07	3/4	3/4	1	8-13/16	7-1/16	1-11/16	4	.47
S119-10	1	31/32	1-1/8	9-9/16	7-1/2	2-1/16	4	.75
S119-12	1-1/4	1	1-1/4	10-1/16	7-13/16	2-3/8	4	.98
S119-15	1-1/2	1-3/32	1-3/8	10-1/2	8-1/16	2-11/16	4	1.16
S119-20	2	1-3/16	1-1/2	11-1/2	8-3/4	3-3/16	4	1.77
S119-25	2-1/2	1-27/32	1-3/4	15-7/16	11-13/16	3-15/16	6	4.01
S119-30	3	1-15/16	1-7/8	15-5/8	11-13/16	4-5/8	6	4.98
S119-40	4	2-5/16	2-1/4	17-5/16	12-13/16	5-11/16	6	7.53
S119-60	6	3-1/16	3	20-1/2	14-7/16	8-7/16	6	17.74

Unit Must Be Thrust Blocked

Repair Coupling - Short, Spigot x Socket

PVC White with EPDM O-ring



Pressure Rating
235 psi @ 73° F

Part Number	Size	L	L2	L3	M	T	Approx. Wt. (Lbs.)
SH118-05	1/2	11/16	5	4-5/16	1-7/16	2	.19
SH118-07	3/4	3/4	5-1/2	4-3/4	1-3/4	2-1/4	.29
SH118-10	1	15/16	5-5/8	4-11/16	2-1/16	2	.39
SH118-12	1-1/4	1	6-1/2	5-1/2	2-7/16	2-1/2	.61
SH118-15	1-1/2	1-1/8	6-13/16	5-11/16	2-11/16	2-3/4	.76
SH118-20	2	1-3/16	8-3/16	7	3-3/16	3-1/4	1.19

Unit Must Be Thrust Blocked