

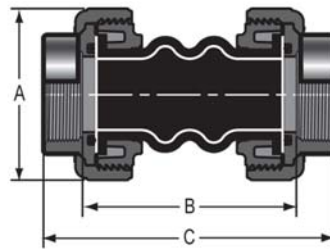


Expansion Joints Technical Expansion Joint Dimensions

ELASTOMER EXPANSION JOINT WITH NEOPRENE BELLOWS

SR Fipt x SR Fipt

150 psi @ 73°F

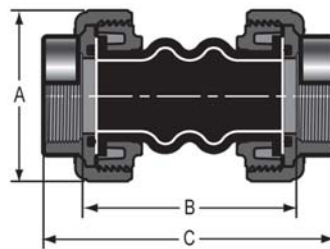


Part Number		Size	A	B	C	MAXIMUM MOVEMENTS				Approx. Wt. (LBS.)	
PVC	CPVC					COMPRESSION	EXTENSION	LATERAL	ANGULAR	PVC	CPVC
EJ01-007SR	--	3/4	2-1/4	6-3/8	7-3/16	7/8	1/4	7/8	35°	.51	---
EJ01-010SR	--	1	2-9/16	6	7-3/4	7/8	1/4	7/8	25°	.73	---
EJ01-012SR	--	1-1/4	3-1/8	6-1/16	7-15/16	7/8	1/4	7/8	25°	.73	---
EJ01-015SR	--	1-1/2	3-9/16	5-7/8	7-3/4	7/8	1/4	7/8	20°	1.15	---
EJ01-020SR	--	2	4-3/16	5-7/16	7-3/8	7/8	1/4	7/8	15°	1.58	---
EJ01-025SR	--	2-1/2	6-1/8	6-3/16	9	7/8	1/4	7/8	15°	4.63	---
EJ01-030SR	--	3	6-1/8	6-3/16	9	7/8	1/4	7/8	15°	4.84	---

ELASTOMER EXPANSION JOINT WITH EPDM BELLOWS

SR Fipt x SR Fipt

150 psi @ 73°F



Part Number		Size	A	B	C	MAXIMUM MOVEMENTS				Approx. Wt. (LBS.)	
PVC	CPVC					COMPRESSION	EXTENSION	LATERAL	ANGULAR	PVC	CPVC
EJ21-007SR	EJ21-007CSR	3/4	2-1/4	6-3/8	7-3/16	7/8	1/4	7/8	35°	.33	.39
EJ21-010SR	EJ21-010CSR	1	2-9/16	6	7-3/4	7/8	1/4	7/8	25°	.71	.83
EJ21-012SR	EJ21-012CSR	1-1/4	3-1/8	6-1/16	7-15/16	7/8	1/4	7/8	25°	.74	.76
EJ21-015SR	EJ21-015CSR	1-1/2	3-9/16	5-7/8	7-3/4	7/8	1/4	7/8	20°	1.15	1.19
EJ21-020SR	EJ21-020CSR	2	4-3/16	5-7/16	7-3/8	7/8	1/4	7/8	15°	1.58	1.65
EJ21-025SR	EJ21-025CSR	2-1/2	6-1/8	6-3/16	9	7/8	1/4	7/8	15°	4.63	4.91
EJ21-030SR	EJ21-030CSR	3	6-1/8	6-3/16	9	7/8	1/4	7/8	15°	4.85	5.19

Expansion Joints Technical
Expansion Joint Dimensions

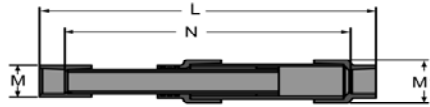


Fabricated Expansion Joints

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	1.50
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	3.86
826-025X6*	2-1/2	16-1/4	22-1/4	4- 3/16	4- 1/2	12-3/4	18-3/4	6	6.77
826-030X6*	3	15-5/8	21-5/8	4- 3/16	4- 1/2	11-13/16	17-13/16	6	6.01
826-040X6*	4	16-15/16	22-15/16	5-1/4	5- 9/16	12-9/16	18-9/16	6	8.95
826-060X6*	6	19-3/4	25-3/4	7-9/16	8- 5/8	13-5/8	19-5/8	6	26.83
826-080X6*	8	24-1/2	30-1/2	9-11/16	10- 3/4	16-9/16	22-9/16	6	48.01
826-100X6*	10	28-7/8	34-7/8	12-1/16	12- 3/4	18-7/8	24-7/8	6	84.84
826-120X6*	12	34	40	14-1/4	16	22	28	6	169.72
826-140X6*	14	40-3/4	46-3/4	15-1/2	16	26	32	6	156.31

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

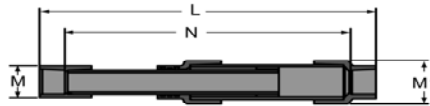
* Fabricated

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	2.08
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	5.20
826-025X12*	2-1/2	22-1/4	34-1/4	4- 3/16	4- 1/2	18-3/4	30-3/4	12	8.55
826-030X12*	3	21-5/8	33-5/8	4- 3/16	4- 1/2	17-13/16	29-13/16	12	7.79
826-040X12*	4	22-15/16	34-15/16	5-1/4	5- 9/16	18- 9/16	30-9/16	12	11.37
826-060X12*	6	25- 3/4	37-3/4	7-9/16	8- 5/8	19-5/8	31-5/8	12	33.90
826-080X12*	8	30-1/2	42-1/2	9-11/16	10- 3/4	22-9/16	34-9/16	12	55.10
826-100X12*	10	34-7/8	46-7/8	12-1/16	12- 3/4	24-7/8	36-7/8	12	99.71
826-120X12*	12	40	52	14-1/4	16	28	40	12	191.13



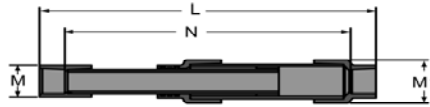
Expansion Joints Technical Expansion Joint Dimensions

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	174.36

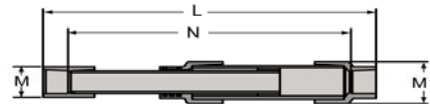
FKM O-rings available on special order. Add a "V" preceding the dash (-) separator, e.g. 826V-005X12

* 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	10-1/4	16-1/4	6	1.52
826-012X6C*	1-1/4	13-1/16	19-1/16	2-1/4	2- 3/8	10-1/2	16-1/2	6	1.60
826-015X6C*	1-1/2	13-1/4	19-1/4	2-3/8	2- 7/8	10-7/16	16-7/16	6	2.66
826-020X6C*	2	14-7/16	20-7/16	2- 7/8	3- 1/2	11-7/16	17-7/16	6	4.11
826-025X6C*	2-1/2	16-1/4	22-1/4	4- 3/16	4- 1/2	12-3/4	18-3/4	6	7.25
826-030X6C*	3	15-5/8	21-5/8	4- 3/16	4- 1/2	11-13/16	17-13/16	6	6.37
826-040X6C*	4	16-15/16	22-15/16	5-1/4	5- 9/16	12-9/16	18-9/16	6	9.32
826-060X6C*	6	19-3/4	25-3/4	7-9/16	8- 5/8	13-5/8	19-5/8	6	33.06
826-080X6C*	8	24-1/2	30-1/2	9-11/16	10- 3/4	16-9/16	22-9/16	6	49.97
826-100X6C*	10	28-7/8	34-7/8	12-1/16	12- 3/4	18-7/8	24-7/8	6	91.09
826-120X6C*	12	34	40	14-1/4	16	22	28	6	188.48
826-140X6C*	14	40-3/4	46-3/4	15-1/2	16	26	32	6	172.98

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	1.42
826-010X12C*	1	18-1/2	30-1/2	1-5/8	2-3/8	16-1/4	28-1/4	12	1.98
826-012X12C*	1-1/4	19-1/16	31-1/16	2-1/4	2- 3/8	16-1/2	28-1/2	12	2.23
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	5.56
826-025X12C*	2 -1/2	22-1/4	34-1/4	4- 3/16	4- 1/2	18-3/4	30-3/4	12	9.15
826-030X12C*	3	21-5/8	33-5/8	4- 3/16	4- 1/2	17-13/16	29-13/16	12	8.27
826-040X12C*	4	22-15/16	34-15/16	5-1/4	5- 9/16	18-9/16	30-9/16	12	11.88
826-060X12C*	6	25- 3/4	37-3/4	7-9/16	8- 5/8	19-5/8	31-5/8	12	42.17
826-080X12C*	8	30-1/2	42-1/2	9-11/16	10- 3/4	22-9/16	34-9/16	12	57.61
826-100X12C*	10	34-7/8	46-7/8	12-1/16	12- 3/4	24-7/8	36-7/8	12	106.77
826-120X12C*	12	40	52	14-1/4	16	28	40	12	212.61
826-140X12C*	14	46-3/4	58-3/4	15-1/2	16	32	44	12	193.70

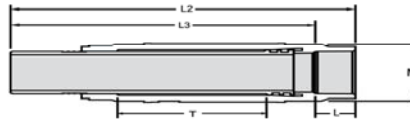
EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X12C

* 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	6-1/4	5-9/16	1-7/16	2-7/8	.24
S118-07	3/4	3/4	7-5/8	6-7/8	1-3/4	4	.44
S118-10	1	15/16	8-1/2	7-9/16	2-1/16	4-1/16	.67
S118-12	1-1/4	1	8-13/16	7-13/16	2-7/16	4-1/16	.87
S118-15	1-1/2	1-1/8	9-3/16	8-1/16	2-11/16	3-13/16	1.01
S118-20	2	1-3/16	9-15/16	8-3/4	3-1/4	4-5/16	1.59
S118-25	2-1/2	1-3/4	13-5/8	11-7/8	3-15/16	5-9/16	3.48
S118-30	3	1-7/8	13-11/16	11-13/16	4-5/8	5-9/16	4.29
S118-40	4	2-1/4	14-13/16	12-9/16	5-3/4	6-3/16	6.82
S118-60	6	3	17-3/16	14-3/16	8-7/16	6-5/8	14.72

Unit Must Be Thrust Blocked

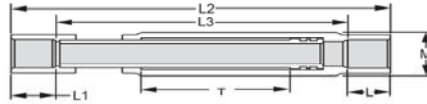


Expansion Joints Technical Expansion Joint Dimensions

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	2-7/8	.27
S119-07	3/4	3/4	1	8-3/4	7	1-3/4	4	.49
S119-10	1	15/16	1-1/8	9-11/16	7-5/8	2-1/16	4-1/16	.76
S119-12	1-1/4	1	1-1/4	10-3/16	7-15/16	2-7/16	4-1/16	1.01
S119-15	1-1/2	1-1/8	1-3/8	10-11/16	8-3/16	2-11/16	3-13/16	1.15
S119-20	2	1-3/16	1-1/2	11-5/8	8-15/16	3-1/4	4-5/16	1.86
S119-25	2-1/2	1-3/4	1-3/4	15-9/16	12-1/16	3-15/16	5-9/16	3.86
S119-30	3	1-7/8	1-7/8	15-3/4	12	4-5/8	5-9/16	4.94
S119-40	4	2-1/4	2-1/4	17-1/4	12-3/4	5-3/4	6-3/16	7.71
S119-60	6	3	3	20-1/2	14-1/2	8-7/16	6-5/8	18.06

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	4-7/8	4-3/16	1-7/16	1-15/16	.20
SH118-07	3/4	3/4	5-3/8	4-11/16	1-3/4	2-3/16	.31
SH118-10	1	15/16	5-3/4	4-13/16	2-1/16	2	.42
SH118-12	1-1/4	1	6-5/8	5-5/8	2-7/16	2-1/2	.60
SH118-15	1-1/2	1-1/8	6-15/16	5-13/16	2-11/16	2-1/2	.74
SH118-20	2	1-3/16	8-5/16	7-1/8	3-1/4	3	1.19

Unit Must Be Thrust Blocked

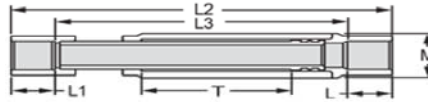
Expansion Joints Technical
Expansion Joint Dimensions



**Repair Coupling - Short,
 Socket x Socket**

PVC White with EPDM O-ring

Pressure Rating
 235 psi @ 73° F



Part Number	Size	L	L1	L2	L3	M	T	Approx. Wt. (Lbs.)
SH119-05	1/2	11/16	7/8	5-7/8	4-1/4	1-7/16	1-15/16	.24
SH119-07	3/4	3/4	1	6-9/16	5-13/16	1-3/4	2-3/16	.36
SH119-10	1	15/16	1-1/8	7	4-15/16	2-1/16	2	.51
SH119-12	1-1/4	1	1-1/4	8	5-3/4	2-7/16	2-1/2	.74
SH119-15	1-1/2	1-1/8	1-3/8	8-3/8	5-7/8	2-11/16	2-1/2	.88
SH119-20	2	1-3/16	1-1/2	10	7-5/16	3-1/4	3	1.46

Unit Must Be Thrust Blocked

