



Expansion Joints



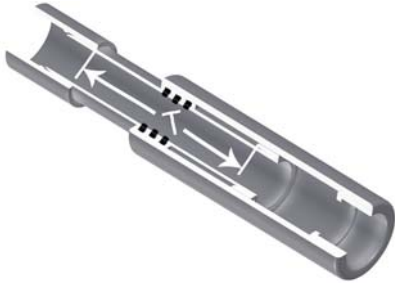
PRODUCT

Contact Spears® for any Information not found.

Expansion Joints Product
Fabricated Expansion Joints



Fabricated Expansion Joints
Triple O-ring Sealed Telescoping Design
 Available with 6" and 12" Travel



- Compact Installation - Eliminates Need For Expansion Loops
- EPDM or FKM Pressure O-ring Seal with Dual "Wiper" O-ring for Extended Life
- Support Piston Eliminates Binding, Minimizes Alignment Problems
- Excellent For Use as a Repair Coupling
- WHEN USED AS A REPAIR COUPLING MUST BE THRUST BLOCKED

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Fabricated Expansion Joints - PVC

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)

826-005X6	1/2	6	10	0	085	329.51
826-007X6	3/4	6	6	0	085	354.23
826-010X6	1	6	5	0	085	358.22
826-012X6	1-1/4	6	4	0	085	416.37
826-015X6	1-1/2	6	4	0	085	441.51
826-020X6	2	6	2	0	085	493.87
826-025X6	2-1/2	6	1	0	085	563.32
826-030X6	3	6	1	0	085	584.75
826-040X6	4	6	1	0	085	627.55
826-060X6	6	6	1	0	085	1033.89
826-080X6	8	6	1	0	085	1423.38
826-100X6	10	6	1	0	085	1671.45
826-120X6	12	6	1	0	085	2961.62
826-140X6	14	6	1	0	085	3382.97

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

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Fabricated Expansion Joints - PVC

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)

826-005X12	1/2	12	10	0	085	370.64
826-007X12	3/4	12	6	0	085	391.99
826-010X12	1	12	5	0	085	469.73
826-012X12	1-1/4	12	4	0	085	513.23
826-015X12	1-1/2	12	4	0	085	475.55
826-020X12	2	12	2	0	085	560.97
826-025X12	2-1/2	12	1	0	085	942.41
826-030X12	3	12	1	0	085	724.72
826-040X12	4	12	1	0	085	814.15
826-060X12	6	12	1	0	085	1185.98
826-080X12	8	12	1	0	085	1590.04
826-100X12	10	12	1	0	085	1943.94
826-120X12	12	12	1	0	085	3113.63
826-140X12	14	12	1	0	085	3456.07

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



Fabricated Expansion Joints - CPVC

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)

826-005X6C	1/2	6	10	0	085	407.42
826-007X6C	3/4	6	6	0	085	445.83
826-010X6C	1	6	5	0	085	481.89
826-012X6C	1-1/4	6	4	0	085	506.15
826-015X6C	1-1/2	6	4	0	085	551.64
826-020X6C	2	6	2	0	085	699.00
826-025X6C	2-1/2	6	1	0	085	829.47
826-030X6C	3	6	1	0	085	963.61
826-040X6C	4	6	1	0	085	1421.20
826-060X6C	6	6	1	0	085	1527.75
826-080X6C	8	6	1	0	085	2898.09
826-100X6C	10	6	1	0	085	3699.76
826-120X6C	12	6	1	0	085	4908.03
826-140X6C	14	6	1	0	085	10483.43

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





Expansion Joints Product

Fabricated Expansion Joints & Elastomer Expansion Joints

Fabricated Expansion Joints

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Fabricated Expansion Joints - CPVC

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)

826-005X12C	1/2	12	10	0	085	414.95
826-007X12C	3/4	12	6	0	085	475.85
826-010X12C	1	12	5	0	085	507.62
826-012X12C	1-1/4	12	4	0	085	568.17
826-015X12C	1-1/2	12	4	0	085	637.18
826-020X12C	2	12	2	0	085	813.32
826-025X12C	2 -1/2	12	1	0	085	1231.28
826-030X12C	3	12	1	0	085	989.52
826-040X12C	4	12	1	0	085	1639.14
826-060X12C	6	12	1	0	085	1805.73
826-080X12C	8	12	1	0	085	3457.23
826-100X12C	10	12	1	0	085	4050.27
826-120X12C	12	12	1	0	085	5794.74
826-140X12C	14	12	1	0	085	13795.24

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

Elastomer Expansion Joints

PVC & CPVC Schedule 80 Elastomer Expansion Joint



Designed to allow for the expansion, contraction, lateral and angular movement of a piping system. Aids in noise and vibration dampening.

- Convenient, Double Union End Connections with Strong, Buttress Thread Union Nuts
- Internal Nylon Cord Reinforced Elastomer Bellows Tube
- Chemically Resistant Neoprene Elastomer with Optional EPDM Tube Available
- Double Spherical Arch Bellows Provides Improved Movement Capability
- Pressure rated to 150 psi @ 73°F (23°C)
- Suitable for Vacuum Service
- Available in Socket or Spears® Special Reinforced (SR) Female Plastic Thread End Connectors, IPS Sizes 3/4" through 3"

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Elastomer Expansion Joint - PVC

PVC with Neoprene Bellows Socket



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ02-007	3/4	10	0	085	208.26
EJ02-010	1	10	0	085	236.15
EJ02-012	1-1/4	15	0	085	251.60
EJ02-015	1-1/2	10	0	085	309.75
EJ02-020	2	8	0	085	379.56
EJ02-025	2-1/2	4	0	085	536.94
EJ02-030	3	2	0	085	738.07

Elastomer Expansion Joints - PVC

PVC with EPDM Bellows Socket



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ22-007	3/4	10	0	085	212.51
EJ22-010	1	10	0	085	240.94
EJ22-012	1-1/4	15	0	085	259.38
EJ22-015	1-1/2	10	0	085	315.12
EJ22-020	2	8	0	085	387.31
EJ22-025	2-1/2	4	0	085	547.87
EJ22-030	3	2	0	085	753.11

Elastomer Expansion Joint - PVC

PVC with Neoprene Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ01-007SR	3/4	10	0	085	211.18
EJ01-010SR	1	10	0	085	240.49

Expansion Joints Product
Elastomer Expansion Joints & Repair Couplings



Elastomer Expansion Joints

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Elastomer Expansion Joint - PVC (continued)

PVC with Neoprene Bellows SR Fipt - Stainless Steel Collar

EJ01-012SR	1-1/4	15	0	085	261.57
EJ01-015SR	1-1/2	10	0	085	333.93
EJ01-020SR	2	8	0	085	401.19
EJ01-025SR	2-1/2	4	0	085	584.64
EJ01-030SR	3	2	0	085	786.25

Elastomer Expansion Joint - PVC



PVC with EPDM Bellows SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007SR	3/4	10	0	085	215.46
EJ21-010SR	1	10	0	085	245.41
EJ21-012SR	1-1/4	15	0	085	266.94
EJ21-015SR	1-1/2	10	0	085	340.72
EJ21-020SR	2	8	0	085	409.39
EJ21-025SR	2-1/2	4	0	085	593.25
EJ21-030SR	3	2	0	085	802.29

Elastomer Expansion Joint - CPVC



CPVC with EPDM Bellows Socket

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ22-007C	3/4	10	0	085	216.72
EJ22-010C	1	10	0	085	247.28
EJ22-012C	1-1/4	15	0	085	270.19
EJ22-015C	1-1/2	10	0	085	331.00
EJ22-020C	2	8	0	085	413.12
EJ22-025C	2-1/2	4	0	085	603.69
EJ22-030C	3	2	0	085	820.00

Elastomer Expansion Joint - CPVC



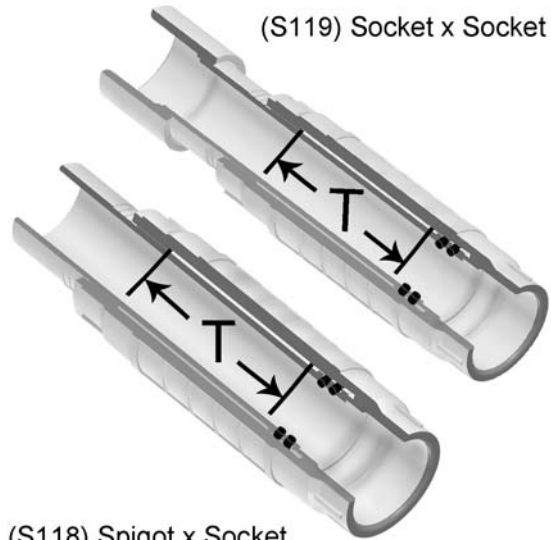
CPVC with EPDM Bellows SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007CSR	3/4	10	0	085	219.18
EJ21-010CSR	1	10	0	085	252.05
EJ21-012CSR	1-1/4	15	0	085	278.53
EJ21-015CSR	1-1/2	10	0	085	355.02
EJ21-020CSR	2	8	0	085	469.27
EJ21-025CSR	2-1/2	4	0	085	651.72
EJ21-030CSR	3	2	0	085	868.00

Repair Couplings

(S119) Socket x Socket



(S118) Spigot x Socket

- Multi-function Telescoping Design
- Regular and Short configurations
- Socket x Socket Configuration for Pipe Repair or Use as a Short-Stroke Expansion Joint
- Spigot x Socket Configuration for Replacing Damaged Fittings
- Both Configurations can be Easily Modified for Opposite Use
- Double O-ring Seal in EPDM or high-grade FKM
- 1/2" - 2" Pressure Rated to 235 PSI @ 73°F (23°C)
- 2-1/2" - 4" Pressure Rated to 200 PSI @ 73°F (23°C)
- 6" Pressure Rated to 150 PSI @ 73°F (23°C)
- NSF® Certified for Potable Water Use

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Repair Coupling - Spigot x Socket

PVC White with EPDM O-ring



Can be used as short-stroke Expansion Joint

S118-05	1/2	3	25	0	025	5.85
S118-07	3/4	4	30	0	025	6.65
S118-10	1	4	15	0	025	7.67



Expansion Joints Product

Repair Couplings & Short Repair Couplings

Repair Couplings

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Repair Coupling - Spigot x Socket (continued)

PVC White with EPDM O-ring

S118-12	1-1/4	4	25	0	025	14.46
S118-15	1-1/2	4	25	0	025	15.75
S118-20	2	4	12	0	025	24.36
S118-25	2-1/2	6	5	0	025	35.34
S118-30	3	6	4	0	025	44.15
S118-40	4	6	2	0	025	77.26
S118-60	6	6	1	0	025	189.05

Unit Must Be Thrust Blocked
T = Repair Coupling Travel



Repair Coupling - Socket x Socket

PVC White with EPDM O-ring

Can be used as short-stroke Expansion Joint

S119-05	1/2	3	30	0	025	5.85
S119-07	3/4	4	24	0	025	6.65
S119-10	1	4	20	0	025	7.67
S119-12	1-1/4	4	10	0	025	14.46
S119-15	1-1/2	4	16	0	025	15.75
S119-20	2	4	10	0	025	24.36
S119-25	2-1/2	6	5	0	025	35.34
S119-30	3	6	4	0	025	44.15
S119-40	4	6	2	0	025	77.26
S119-60	6	6	1	0	025	189.05

Unit Must Be Thrust Blocked
T = Repair Coupling Travel

Short Repair Couplings

Space Saving, Compact Version of Standard Repair Coupling
 Requires 1/3 less Space



Repair Coupling - Short, Spigot x Socket

PVC White with EPDM O-ring

SH118-05	1/2	2	36	0	025	5.85
SH118-07	3/4	2-1/4	30	0	025	6.65
SH118-10	1	2	35	0	025	7.67
SH118-12	1-1/4	2-1/2	25	0	025	14.46
SH118-15	1-1/2	2-3/4	32	0	025	15.75
SH118-20	2	3-1/4	15	0	025	24.36

Unit Must Be Thrust Blocked
T = Repair Coupling Travel

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Repair Coupling - Short, Socket x Socket

PVC White with EPDM O-ring

SH119-05	1/2	2	40	0	025	5.85
SH119-07	3/4	2	30	0	025	6.65
SH119-10	1	2	30	0	025	7.67
SH119-12	1-1/4	2-1/2	20	0	025	14.46
SH119-15	1-1/2	2-3/4	21	0	025	15.75
SH119-20	2	3-1/4	12	0	025	24.36

Unit Must Be Thrust Blocked
T = Repair Coupling Travel

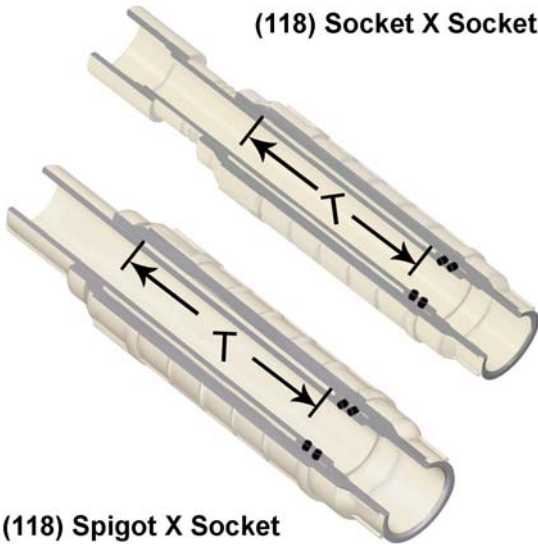


Expansion Joints Product
CTS CPVC Expansion Joint/Repair Coupling



CTS CPVC Expansion Joint/Repair Coupling

(118) Socket X Socket



(118) Spigot X Socket

- Multi-function Telescoping Design
- Socket x Socket Configuration for Pipe Repair or Use as an Expansion Joint
- Spigot x Socket Configuration for Replacing Damaged Fittings
- Both Configurations can be Easily Modified for Opposite Use
- Double O-ring Seal in EPDM
- Pressure Rated to 100 PSI @ 180°F (82°C)
- NSF® Certified for Potable Water Use

Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Expansion Joint/Repair Couplings - Socket x Socket

CPVC With EPDM O-Rings

NSF® Certified Lead Free

CTS119-07*	3/4		3		Availability to be announced	
CTS119-10*	1		4		Availability to be announced	

Unit Must Be Thrust Blocked
T = Repair Coupling Travel



Part Number	Size	Travel - T	Std Pk	Mstr Ctn	Prod Code	MSRP
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Expansion Joint/Repair Couplings - Socket x Spigot

CPVC With EPDM O-Rings

NSF Certified Lead Free

CTS118-07*	3/4		3		Availability to be announced	
CTS118-10*	1		4		Availability to be announced	

Unit Must Be Thrust Blocked
T = Repair Coupling Travel

