



Expansion Joints



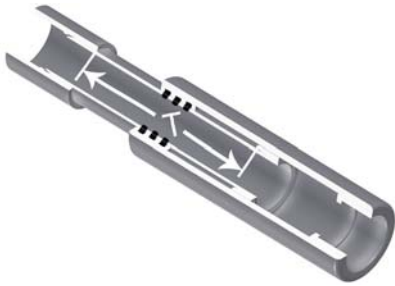
PRODUCT

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	384.33
826-007X6	3/4	6	6	0	085	413.15
826-010X6	1	6	5	0	085	417.81
826-012X6	1-1/4	6	4	0	085	485.63
826-015X6	1-1/2	6	4	0	085	514.96
826-020X6	2	6	2	0	085	576.02
826-025X6	2-1/2	6	1	0	085	657.03
826-030X6	3	6	1	0	085	682.03
826-040X6	4	6	1	0	085	731.95
826-060X6	6	6	1	0	085	1205.88
826-080X6	8	6	1	0	085	1660.16
826-100X6	10	6	1	0	085	1949.49
826-120X6	12	6	1	0	085	3454.28
826-140X6	14	6	1	0	085	3945.73

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	432.29
826-007X12	3/4	12	6	0	085	457.20
826-010X12	1	12	5	0	085	547.86
826-012X12	1-1/4	12	4	0	085	598.60
826-015X12	1-1/2	12	4	0	085	554.66
826-020X12	2	12	2	0	085	654.28
826-025X12	2-1/2	12	1	0	085	1099.18
826-030X12	3	12	1	0	085	845.27
826-040X12	4	12	1	0	085	949.59
826-060X12	6	12	1	0	085	1383.27
826-080X12	8	12	1	0	085	1854.55
826-100X12	10	12	1	0	085	2267.32
826-120X12	12	12	1	0	085	3631.59
826-140X12	14	12	1	0	085	4030.99

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	475.19
826-007X6C	3/4	6	6	0	085	519.99
826-010X6C	1	6	5	0	085	562.05
826-012X6C	1-1/4	6	4	0	085	590.35
826-015X6C	1-1/2	6	4	0	085	643.40
826-020X6C	2	6	2	0	085	815.28
826-025X6C	2-1/2	6	1	0	085	967.45
826-030X6C	3	6	1	0	085	1123.92
826-040X6C	4	6	1	0	085	1657.62
826-060X6C	6	6	1	0	085	1781.89
826-080X6C	8	6	1	0	085	3380.19
826-100X6C	10	6	1	0	085	4315.21
826-120X6C	12	6	1	0	085	5724.48
826-140X6C	14	6	1	0	085	12227.36

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	483.98
826-007X12C	3/4	12	6	0	085	555.00
826-010X12C	1	12	5	0	085	592.06
826-012X12C	1-1/4	12	4	0	085	662.68
826-015X12C	1-1/2	12	4	0	085	743.18
826-020X12C	2	12	2	0	085	948.62
826-025X12C	2-1/2	12	1	0	085	1436.09
826-030X12C	3	12	1	0	085	1154.13
826-040X12C	4	12	1	0	085	1911.81
826-060X12C	6	12	1	0	085	2106.12
826-080X12C	8	12	1	0	085	4032.35
826-100X12C	10	12	1	0	085	4724.03
826-120X12C	12	12	1	0	085	6758.71
826-140X12C	14	12	1	0	085	16090.09

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	242.91
EJ02-010	1	10	0	085	275.43
EJ02-012	1-1/4	15	0	085	293.45
EJ02-015	1-1/2	10	0	085	361.27
EJ02-020	2	8	0	085	442.71
EJ02-025	2-1/2	4	0	085	626.26
EJ02-030	3	2	0	085	860.85

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	247.85
EJ22-010	1	10	0	085	281.02
EJ22-012	1-1/4	15	0	085	302.53
EJ22-015	1-1/2	10	0	085	367.55
EJ22-020	2	8	0	085	451.74
EJ22-025	2-1/2	4	0	085	639.01
EJ22-030	3	2	0	085	878.39

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	246.31
EJ01-010SR	1	10	0	085	280.49

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	305.08
EJ01-015SR	1-1/2	10	0	085	389.48
EJ01-020SR	2	8	0	085	467.94
EJ01-025SR	2-1/2	4	0	085	681.89
EJ01-030SR	3	2	0	085	917.04

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	251.31
EJ21-010SR	1	10	0	085	286.24
EJ21-012SR	1-1/4	15	0	085	311.35
EJ21-015SR	1-1/2	10	0	085	397.40
EJ21-020SR	2	8	0	085	477.49
EJ21-025SR	2-1/2	4	0	085	691.94
EJ21-030SR	3	2	0	085	935.76

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	252.78
EJ22-010C	1	10	0	085	288.41
EJ22-012C	1-1/4	15	0	085	315.14
EJ22-015C	1-1/2	10	0	085	386.06
EJ22-020C	2	8	0	085	481.84
EJ22-025C	2-1/2	4	0	085	704.12
EJ22-030C	3	2	0	085	956.41

Elastomer Expansion Joint - CPVC



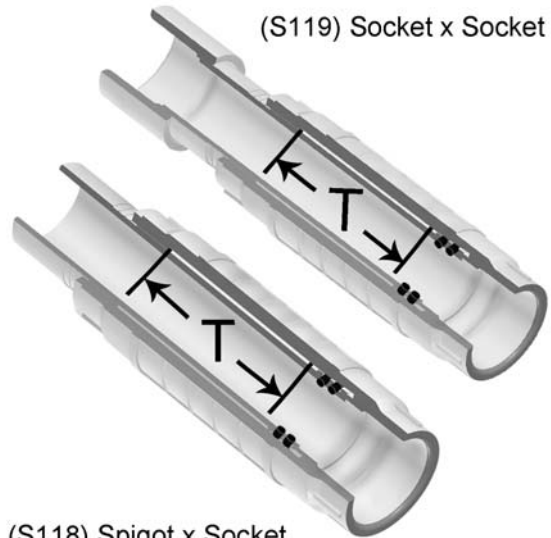
CPVC with EPDM Bellows SR Fipt - Stainless Steel Collar

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

EJ21-007CSR	3/4	10	0	085	255.64
EJ21-010CSR	1	10	0	085	293.98
EJ21-012CSR	1-1/4	15	0	085	324.86
EJ21-015CSR	1-1/2	10	0	085	414.08
EJ21-020CSR	2	8	0	085	547.34
EJ21-025CSR	2-1/2	4	0	085	760.14
EJ21-030CSR	3	2	0	085	1012.39

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	6.82
S118-07	3/4	4	30	0	025	7.76
S118-10	1	4	15	0	025	8.94



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	16.86
S118-15	1-1/2	4	25	0	025	18.37
S118-20	2	4-1/4	12	0	025	28.41
S118-25	2-1/2	6	5	0	025	41.22
S118-30	3	6	4	0	025	51.49
S118-40	4	6	2	0	025	90.12
S118-60	6	6	1	0	025	220.49

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	6.82
S119-07	3/4	4	24	0	025	7.76
S119-10	1	4	20	0	025	8.94
S119-12	1-1/4	4	10	0	025	16.86
S119-15	1-1/2	4	16	0	025	18.37
S119-20	2	4	10	0	025	28.41
S119-25	2-1/2	6	5	0	025	41.22
S119-30	3	6	4	0	025	51.49
S119-40	4	6	2	0	025	90.12
S119-60	6	6	1	0	025	220.49

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	6.82
SH118-07	3/4	2-1/4	30	0	025	7.76
SH118-10	1	2	35	0	025	8.94
SH118-12	1-1/4	2-1/2	25	0	025	16.86
SH118-15	1-1/2	2-3/4	32	0	025	18.37
SH118-20	2	3	15	0	025	28.41

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	6.82
SH119-07	3/4	2	30	0	025	7.76
SH119-10	1	2	30	0	025	8.94
SH119-12	1-1/4	2-1/2	20	0	025	16.86
SH119-15	1-1/2	2-3/4	21	0	025	18.37
SH119-20	2	3-1/4	12	0	025	28.41

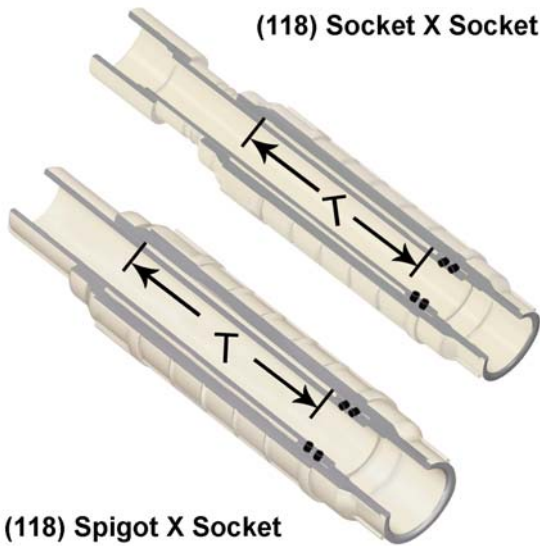
Unit Must Be Thrust Blocked
T = Repair Coupling Travel



Expansion Joints Product
CTS CPVC Expansion Joint/Repair Coupling



CTS CPVC Expansion Joint/Repair Coupling



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	2-17/32	30	0	027	17.19
CTS119-10	1	3-29/32	24	0	027	19.51

Unit Must Be Thrust Blocked
T = Repair Coupling Travel



(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 Spigot

CPVC With EPDM O-Rings

NSF Certified Lead Free

CTS118-07	3/4	3-29/32	30	0	027	17.19
CTS118-10	1	3-29/32	24	0	027	19.51

Unit Must Be Thrust Blocked
T = Repair Coupling Travel

