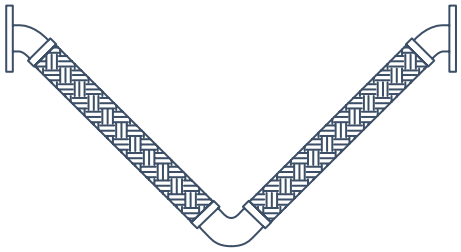
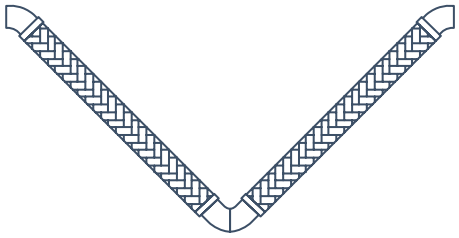
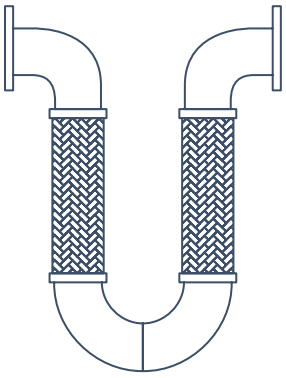
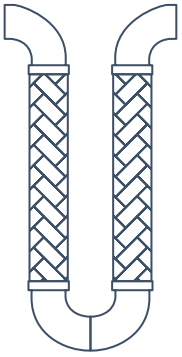
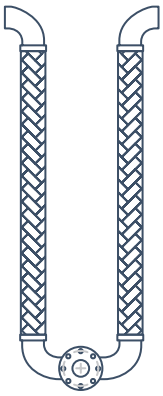
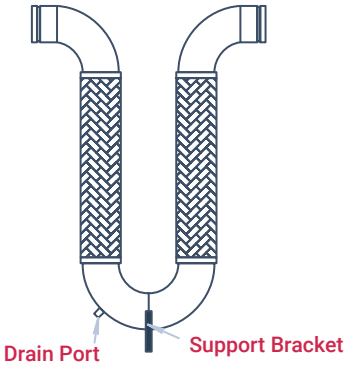
Global Flex Mfg.

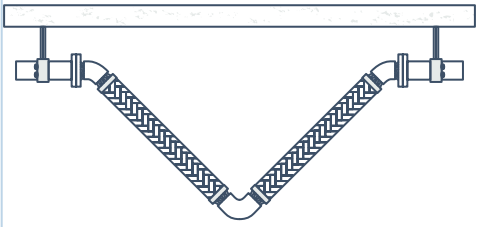
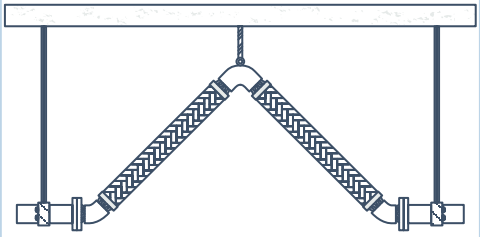
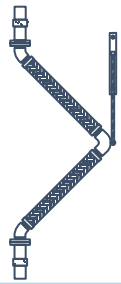
SEISMIC CONNECTORS

STYLE SC	**V OR CHEVRON STYLE SEISMIC CONNECTOR.** • Stainless Steel Hose and Braid • Designed for movement 2 inches up to 7 inches • End configuration (Carbon Steel or All Stainless Steel) Male Pipe Thread Flanged Weld End Grooved Ends • V or Chevron design allows for easy nesting with no alterations of standard product	
STYLE SCB	**V OR CHEVRON STYLE SEISMIC CONNECTOR.** • Bronze Hose and Braid • Designed for movement 2 inches up to 7 inches • End configuration (Copper Fittings) Male Pipe Thread Flanged Sweat Ends • V or Chevron design allows for easy nesting with no alterations of standard product	
STYLE SCU	**U STYLE SEISMIC CONNECTOR.** • Stainless Steel Hose and Braid • Designed for movement 2 inches up to 7 inches • End configuration (Carbon Steel or All Stainless Steel) Male Pipe Thread Flanged Weld End Grooved Ends • U design allows for shorter face to face dimension	
STYLE SCUB	**U STYLE SEISMIC CONNECTOR.** • Bronze Hose and Braid • Designed for movement 2 inches up to 7 inches • End configuration (Copper Fittings) Male Pipe Thread Flanged Sweat Ends • U design allows for shorter face to face dimension	

SEISMIC CONNECTORS

STYLE SCU-SANITARY LOOP	**V OR CHEVRON STYLE SEISMIC CONNECTOR.** • Stainless Steel Hose and Braid • Designed for movement 2 inches up to 7 inches • End configuration (Carbon Steel or All Stainless Steel) Male Pipe Thread Flanged Weld End Grooved Ends • V or Chevron design allows for easy nesting with no alterations of standard product	
STYLE FSCU-FIRE SPRINKLER UL CERTIFIED SAFETY US EX26411	**V OR CHEVRON STYLE SEISMIC CONNECTOR.** • Bronze Hose and Braid • Designed for movement 2 inches up to 7 inches • End configuration (Copper Fittings) Male Pipe Thread Flanged Sweat Ends • V or Chevron design allows for easy nesting with no alterations of standard product	

SC & SCU CONNECTORS INSTALLATION INSTRUCTIONS

		
HANGING DOWN	**STRAIGHT-UP/HORIZONTAL-RUN**	**VERTICAL RUN**
Horizontal Run- SC & SCU Connectors shall hang straight down and be free to flex. Pipe guides are required to direct movement *Drain port should be used for steam applications * Pipe Guides should be installed at a length of four times diameter of pipe.	Support must be provided to prevent the Seismic connector from leaning, drooping, or torquering the pipe. Support must be loose enough to allow chevron to move at least 1/4 of an inch in all directions. Guides are required to direct movement of pipe in axial plane. For steam applications it is recommended to install in hanging-down or hanging-horizontal position. *Drain ports should be used for steam applications *Pipe Guides should be installed at a length of four times diameter of pipe.	Seismic connectors must be supported to allow the chevron to move horizontally back and forth 1/4" as the connectors flex. Guides are required to direct movement of pipe on axial plane. *Pipe Guides should be installed at a length of four times diameter of pipe. ** Not recommend for steam applications

SEISMIC V DESIGN
MALE PIPE, FLANGE, GROOVED END, WELD END

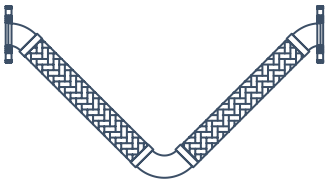
Hose: 321 Stainless Steel
Braid: 304 Stainless Steel
End Fittings: Carbon Steel
Long Radius Elbow : Carbon Steel Schedule 40

Note: Any seismic loop that is installed in any orientation other than hanging down requires a support bracket. Refer to the installation instructions.

MALE PIPE

MODEL	SIZE
SC050CSMP	1/2
SC075CSMP	3/4
SC100CSMP	1.0
SC125CSMP	1-1/4
SC150CSMP	1-1/2
SC200CSMP	2.0
SC250CSMP	2-1/2
SC300CSMP	3.0
SC400CSMP	4.0

150# FLANGED



MODEL	SIZE
SC150CSFL	1-1/2
SC200CSFL	2.0
SC250CSFL	2-1/2
SC300CSFL	3.0
SC400CSFL	4.0
SC500CSFL	5.0
SC600CSFL	6.0
SC800CSFL	8.0
SC1000CSFL	10.0

Click the Model to View Complete Specs

GROOVED ENDS

MODEL	SIZE
SC150CSGV	1-1/2
SC075CSGV	2.0
SC100CSGV	2-1/2
SC125CSGV	3.0
SC150CSGV	4.0
SC200CSGV	5.0
SC250CSGV	6.0
SC300CSGV	8.0
SC400CSGV	10.0

WELD END

MODEL	SIZE
SC150CSWE	1-1/2
SC200CSWE	2.0
SC250CSWE	2-1/2
SC300CSWE	3.0
SC400CSWE	4.0
SC500CSWE	5.0
SC600CSWE	6.0
SC800CSWE	8.0
SC1000CSWE	10.0

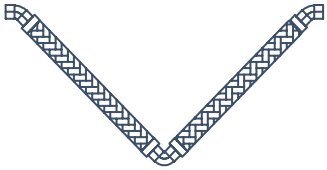
Click the Model to View Complete Specs

Note: Note: At least one pipe alignment guide should be positioned within four pipe diameters on each side of the loop.

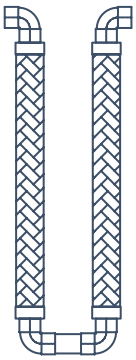
SEISMIC U AND V DESIGN
SWEAT ENDS

Hose: Bronze
Braid: Bronze
End Fittings: Copper
Long Radius Elbow: Copper

Note: Any seismic loop that is installed in any orientation other than hanging down requires a support bracket. Refer to the installation instructions.



MODEL	SIZE
SCB050SWT	1/2
SCB075SWT	3/4
SCB100SWT	1.0
SCB125SWT	1-1/4
SCB150SWT	1-1/2
SCB200SWT	2.0
SCB250SWT	2-1/2
SCB300SWT	3.0
SCB400SWT	4.0



MODEL	SIZE
SCUB050SWT	1/2
SCUB075SWT	3/4
SCUB100SWT	1.0
SCUB125SWT	1-1/4
SCUB150SWT	1-1/2
SCUB200SWT	2.0
SCUB250SWT	2-1/2
SCUB300SWT	3.0
SCUB400SWT	4.0

Click the Model to View Complete Specs

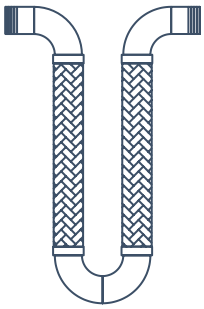
Note: Note: At least one pipe alignment guide should be positioned within four pipe diameters on each side of the loop.

SEISMIC U DESIGN
MALE PIPE, FLANGE, GROOVED END, WELD END

Hose: 321 Stainless Steel
Braid: 304 Stainless Steel
End Fittings: Carbon Steel
Long Radius Elbow: Carbon Steel Schedule 40

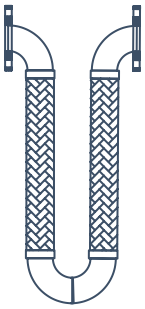
Note: Any seismic loop that is installed in any orientation other than hanging down requires a support bracket. Refer to the installation instructions.

MALE PIPE



MODEL	SIZE
SCU050CSMP	1/2
SCU075CSMP	3/4
SCU100CSMP	1.0
SCU125CSMP	1-1/4
SCU150CSMP	1-1/2
SCU200CSMP	2.0
SCU250CSMP	2-1/2
SCU300CSMP	3.0
SCU400CSMP	4.0

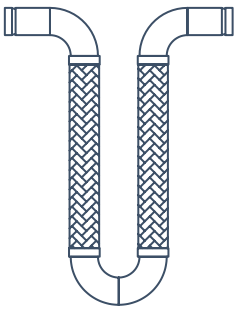
150# FLANGED



MODEL	SIZE
SCU150CSFL	1-1/2
SCU200CSFL	2.0
SCU250CSFL	2-1/2
SCU300CSFL	3.0
SCU400CSFL	4.0
SCU500CSFL	5.0
SCU600CSFL	6.0
SCU800CSFL	8.0
SCU1000CSFL	10.0

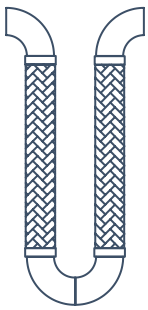
Click the Model to View Complete Specs

GROOVED ENDS



MODEL	SIZE
SCU150CSGV	1-1/2
SCU200CSGV	2.0
SCU250CSGV	2-1/2
SCU125CSGV	3.0
SCU150CSGV	4.0
SCU200CSGV	5.0
SCU250CSGV	6.0
SCU300CSGV	8.0
SCU400CSGV	10.0

WELD END



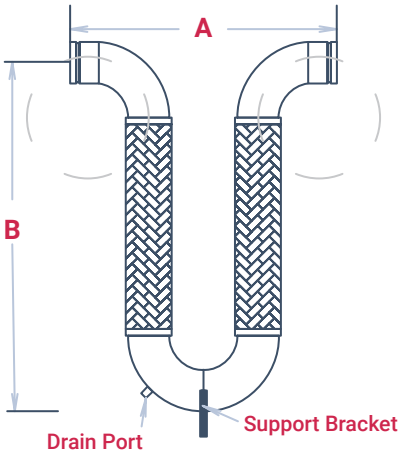
MODEL	SIZE
SCU150CSWE	1-1/2
SCU200CSWE	2.0
SCU250CSWE	2-1/2
SCU300CSWE	3.0
SCU400CSWE	4.0
SCU500CSWE	5.0
SCU600CSWE	6.0
SCU800CSWE	8.0
SCU1000CSWE	10.0

Click the Model to View Complete Specs

Note: Note: At least one pipe alignment guide should be positioned within four pipe diameters on each side of the loop.

FSCU-CSGV

Seismic U Connectors For Fire Sprinkler Systems



Hose: 321 Stainless Steel
Braid: 304 Stainless Steel
End Fittings: Carbon Steel Grooved Ends
Long Radius Elbow: Carbon Steel Schedule 40
Support Bracket: Carbon Steel
Drain Port : ¾ Carbon Steel Female Pipe Thread

Note: *Any seismic loop that is installed in any orientation other than hanging down requires a support bracket. Refer to the installation instructions.*

UL CERTIFIED SAFETY US EX26411

MODEL TYPE	SIZE	MOVEMENT	A END TO END	B LENGTH	PSI	SPRING FORCE LBS	WEIGHT LBS
FSCU200CSGV-4.0MVT	2"(50mm)	+/- 4"	20.56"	28.78"	300	78	19
FSCU250CSGV-4.0MVT	2-1/2" (65mm)	+/- 4"	22.93"	31.01"	300	83	29
FSCU300CSGV-4.0MVT	3" (80mm)	+/- 4"	25.61"	35.75"	300	90	44
FSCU400CSGV-4.0MVT	4" (100mm)	+/- 4"	31.88"	41.24"	175	120	59
FSCU500CSGV-4.0MVT	5" (125mm)	+/- 4"	37.88"	48.81"	175	186	99
FSCU600CSGV-4.0MVT	6" (150mm)	+/- 4"	43.88"	54.30"	175	202	150
FSCU800CSGV-4.0MVT	8" (200mm)	+/- 4"	55.87"	64.78"	175	260	287
FSCU200CSGV-6.0MVT	2"(50mm)	+/- 6"	22.56"	33.65"	300	78	20
FSCU250CSGV-6.0MVT	2-1/2" (65mm)	+/- 6"	25.00"	35.19"	300	83	34
FSCU300CSGV-6.0MVT	3" (80mm)	+/- 6"	26.38"	38.79"	300	90	47
FSCU400CSGV-6.0MVT	4" (100mm)	+/- 6"	31.88"	45.82"	175	120	65
FSCU500CSGV-6.0MVT	5" (125mm)	+/- 6"	37.88"	52.27"	175	186	106
FSCU600CSGV-6.0MVT	6" (150mm)	+/- 6"	43.88"	59.80"	175	202	162
FSCU800CSGV-6.0MVT	8" (200mm)	+/- 6"	55.87"	70.89"	175	260	300
FSCU200CSGV-8.0MVT	2"(50mm)	+/- 8"	24.58"	37.67"	300	78	40
FSCU250CSGV-8.0MVT	2-1/2" (65mm)	+/- 8"	26.93"	39.44"	300	83	65
FSCU300CSGV-8.0MVT	3" (80mm)	+/- 8"	29.05"	43.79"	300	90	90
FSCU400CSGV-8.0MVT	4" (100mm)	+/- 8"	32.91"	50.81"	175	120	122
FSCU500CSGV-8.0MVT	5" (125mm)	+/- 8"	37.88"	57.77"	175	186	202
FSCU600CSGV-8.0MVT	6" (150mm)	+/- 8"	43.88"	64.87"	175	202	293
FSCU800CSGV-8.0MVT	8" (200mm)	+/- 8"	55.87"	77.38"	175	260	500
FSCU200CSGV-24.0MVT	2"(50mm)	+/- 24"	40.56"	47"	300	78	40
FSCU250CSGV-24.0MVT	2-1/2" (65mm)	+/- 24"	42.93"	52.25"	300	83	65
FSCU300CSGV-24.0MVT	3" (80mm)	+/- 24"	44.89"	57.25"	300	90	90
FSCU400CSGV-24.0MVT	4" (100mm)	+/- 24"	48.97"	63.55"	175	120	122
FSCU500CSGV-24.0MVT	5" (125mm)	+/- 24"	53.14"	70.45"	175	186	202
FSCU600CSGV-24.0MVT	6" (150mm)	+/- 24"	57.13"	79.25"	175	202	293
FSCU800CSGV-24.0MVT	8" (200mm)	+/- 24"	65.6"	99.28"	175	260	500

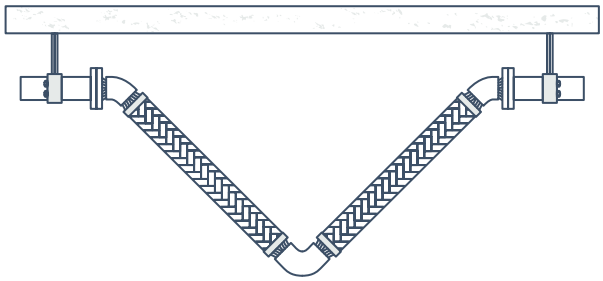
Click the Model to View Complete Specs

Note: At least one pipe alignment guide should be positioned within four pipe diameters on each side of the loop.

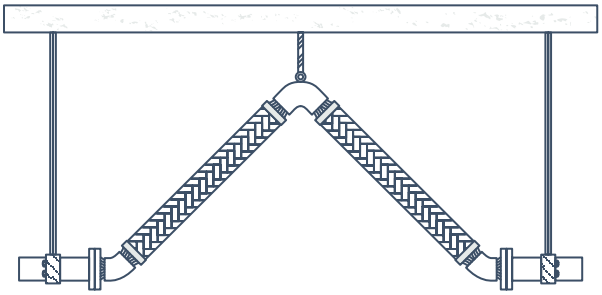
SC CONNECTOR HANGING-DOWN
Horizontal Run

SC Connectors shall hang straight down and be free to flex. Pipe guides are required to direct movement.

*Drain port should be used for steam applications.



SC CONNECTOR STRAIGHT-UP/ HORIZONTAL
Horizontal Run



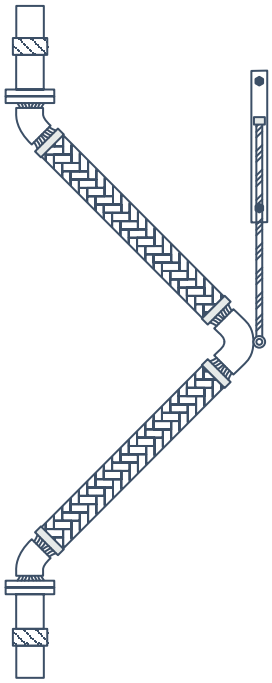
Support must be provided to prevent the Seismic connector from leaning, drooping, or torquing the pipe. Support must be loose enough to allow Chevron to move at least 1/4 of an inch in all directions. Guides are required to direct the movement of the pipe in the axial plane. For steam applications, it is recommended to install in a hanging-down or hanging-horizontal position.

*Drain ports should be used for steam applications.

SC CONNECTOR
Vertical Run

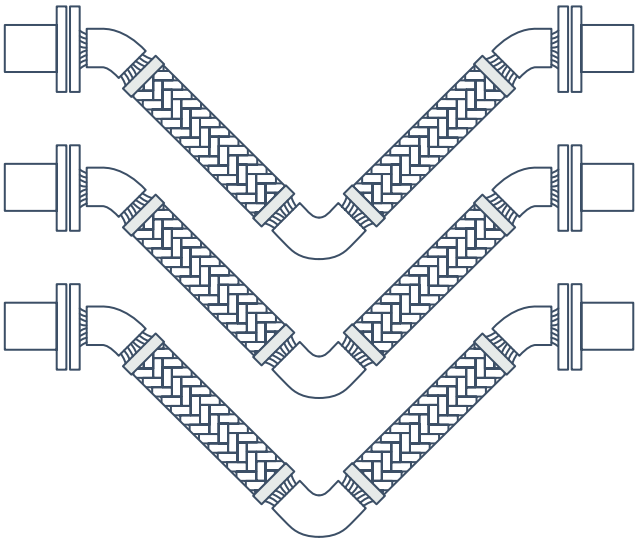
Seismic connectors must be supported to allow the chevron to move horizontally back and forth 1/4” as the connectors flex. Guides are required to direct movement of pipe on axial plain.

* Not recommend for steam applications.



SC CONNECTORS
Nested

Global-Flex chevron design allows for easy nesting with standard connectors.



TECHNICAL ASSISTANCE AND SPECIAL DESIGN

- Special design to include large amounts of movement.
- High pressure Special alloys including Monel.
- Standard, Metric and Din drilling.
- Full submittal program.
- Proper installation instructions.
- Fast turn around.

Global Flex Mfg.

SC/SCB/SCU/SCUB NOTE PAD

SIZE
TEMPERATURE
APPLICATION
MEDIUM
PRESSURE
ENDS
DELIVERY