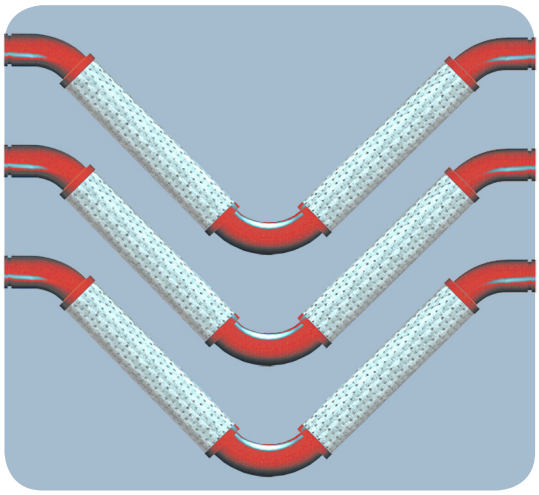
Seismic Flex Loops

Unisource Series SF21 UL Fire "V-Loop"

Unisource Series SF21 UL Fire V-Loops are designed and constructed for both wet and dry fire sprinkler piping. They are intended to absorb seismic motions that may be experienced in those pipelines.

Series SF21 UL Fire V-Loops are constructed with carbon steel standard grooved ends. Threaded and weld end styles are also avaible. Choose from 4" or 8" of motion, or custom order for as much as 24" of motion.

U.L. listed and certified for fire sprinkler piping.



CODE 436-4 GROOVED END FOR ± 4 INCHES OF MOTION

Part #	Size (Inches)	Overall Length OAL (Inches)	Live Length LL (Inches)	Height H (Inches)	Approximate Spring Force (Lbs.) to Deflect the Full Rated Movement	Pressure Ratings (PSIG) W.P.	Pressure Ratings (PSIG) Max. Test	Allowable Motions X, Y, or Z
V-SF21UL-200-55-55-20"LL	2	45	20	18-1/2	40	300	450	4"
V-SF21UL-250-55-55-23"LL	2-1/2	52-5/8	23	21-1/2	114	300	450	
V-SF22UL-300-55-55-24"LL	3	56	24	22-7/8	137	300	450	
V-SF21UL-400-55-55-27"LL	4	63-3/8	27	26	152	175	262	
V-SF21UL-500-55-55-30"LL	5	72-1/2	30	29-7/8	395	175	262	
V-SF21UL-600-55-55-31.5"LL	6	79	31-1/2	32-1/4	608	175	262	
V-SF21UL-800-55-55-34"LL	8	90-7/8	34	36-3/4	1671	175	262	

* Total force necessary to accommodate full motion, calculated @ 150 PSIG.

CODE 436-8 GROOVED END FOR ± 8 INCHES OF MOTION

Part #	Size (Inches)	Overall Length OAL (Inches)	Live Length LL (Inches)	Height H (Inches)	Approximate Spring Force (Lbs.) to Deflect the Full Rated Movement	Pressure Ratings (PSIG) W.P.	Pressure Ratings (PSIG) Max. Test	Allowable Motions X, Y, or Z
V-SF21UL-200-55-55-28.5"LL	2	57	28-1/2	24-1/4	40	300	450	8"
V-SF21UL-250-55-55-33"LL	2-1/2	66-3/4	33	28-1/2	114	300	450	
V-SF22UL-300-55-55-35"LL	3	71-1/2	35	30-5/8	137	300	450	
V-SF21UL-400-55-55-39"LL	4	80-1/4	39	34-1/2	152	175	262	
V-SF21UL-500-55-55-42.5"LL	5	90-1/4	42-1/2	38-3/8	395	175	262	
V-SF21UL-600-55-55-45"LL	6	98	45	41-7/8	608	175	262	
V-SF21UL-800-55-55-47.5"LL	8	110	47-1/2	46-3/8	1671	175	262	

* Total force necessary to accommodate full motion, calculated @ 150 PSIG.