

**\*TOTAL FORCE NECESSARY TO ACCOMODATE FULL MOTION, CALCULATED @ 150 PSIG**

QTY.	PIPE SIZE NPS	OAL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1/2"	20-1/4"	9-1/4"	34	706	1059	2"
	3/4"	22-3/4"	10-1/4"	40	577	865	
	1"	24-1/2"	11"	44	470	705	
	1-1/4"	27-1/2"	12-1/4"	65	361	541	
	1-1/2"	29"	13-1/2"	70	329	493	
	2"	32-1/2"	15-1/2"	80	317	475	
	2-1/2"	36-3/4"	17"	86	272	408	
	3"	44-1/2"	19"	93	211	316	
	4"	48"	21"	127	142	213	

\*FOR SAFE WORKING PRESSURE ABOVE 70°F, MULTIPLY PRESSURE SHOWN AT 70°F TIMES CORRECTION FACTOR OF REQUIRED TEMP.

TEMP °F	FACTOR
70	1.0
200	.89
300	.83
400	.78

1. **MAXIMUM OPERATING TEMPERATURE: 400°F**

**NOTES:**

**NSF 372 - LEAD FREE:** The wetted surface of this product contacted by water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards where applicable, requiring reduced lead content.

REV. DRAWN BY: AM Date: 1/31/2019

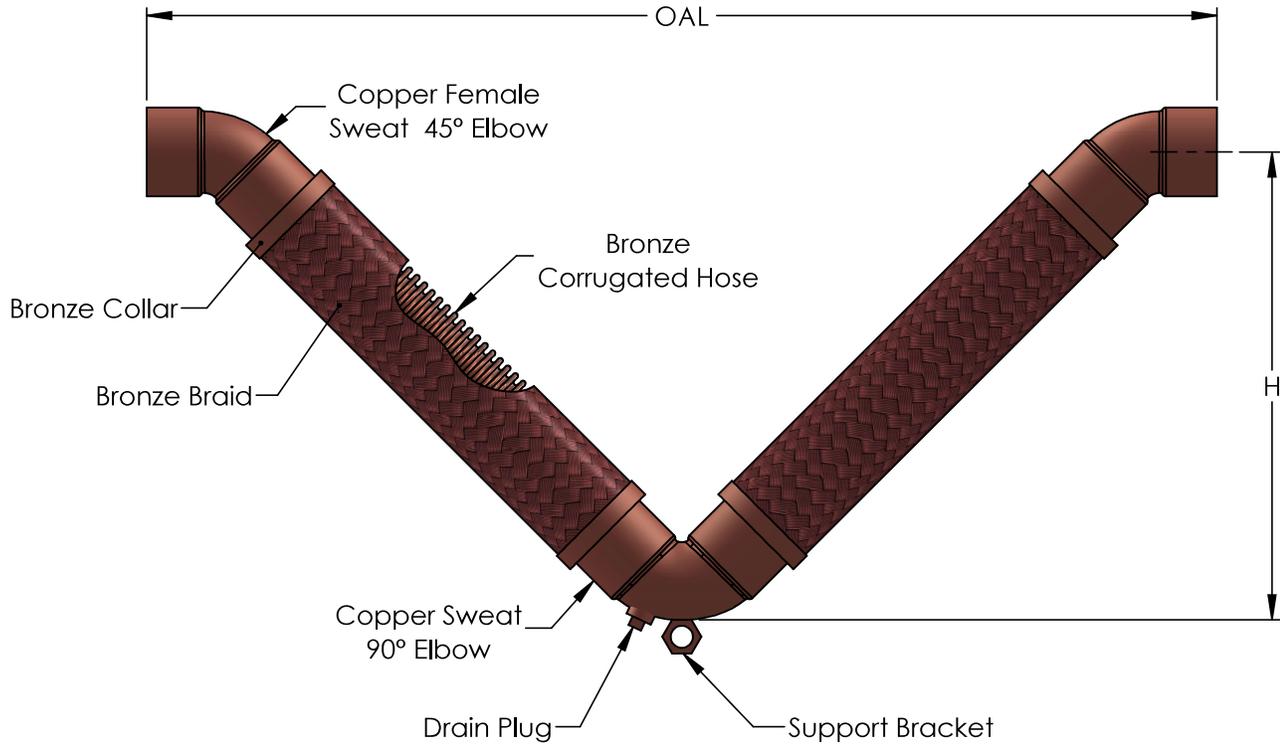


5331 Quam Ave NE  
St. Michael, MN 55376  
Phone: 763-201-2151  
Fax: 763-201-2134  
Email: sales@engineeredflex.com

Customer:  
Project:  
Style: SEISMIC SWEAT V-LOOP 2" MOVEMENT

SCALE: NONE DRAWING NUMBER:





**\*TOTAL FORCE NECESSARY TO ACCOMODATE FULL MOTION, CALCULATED @ 150 PSIG**

QTY.	PIPE SIZE NPS	OAL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1/2"	23-3/4"	11-1/2"	34	706	1059	3"
	3/4"	26-1/4"	12-1/2"	40	577	865	
	1"	28"	13"	44	470	705	
	1-1/4"	31"	14"	65	361	541	
	1-1/2"	32-1/2"	15"	70	329	493	
	2"	36-3/4"	16-1/2"	80	317	475	
	2-1/2"	45-1/4"	19"	86	272	408	
	3"	51-1/2"	21"	93	211	316	
	4"	58-1/2"	24"	127	142	213	

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70	1.0
200	.89
300	.83
400	.78

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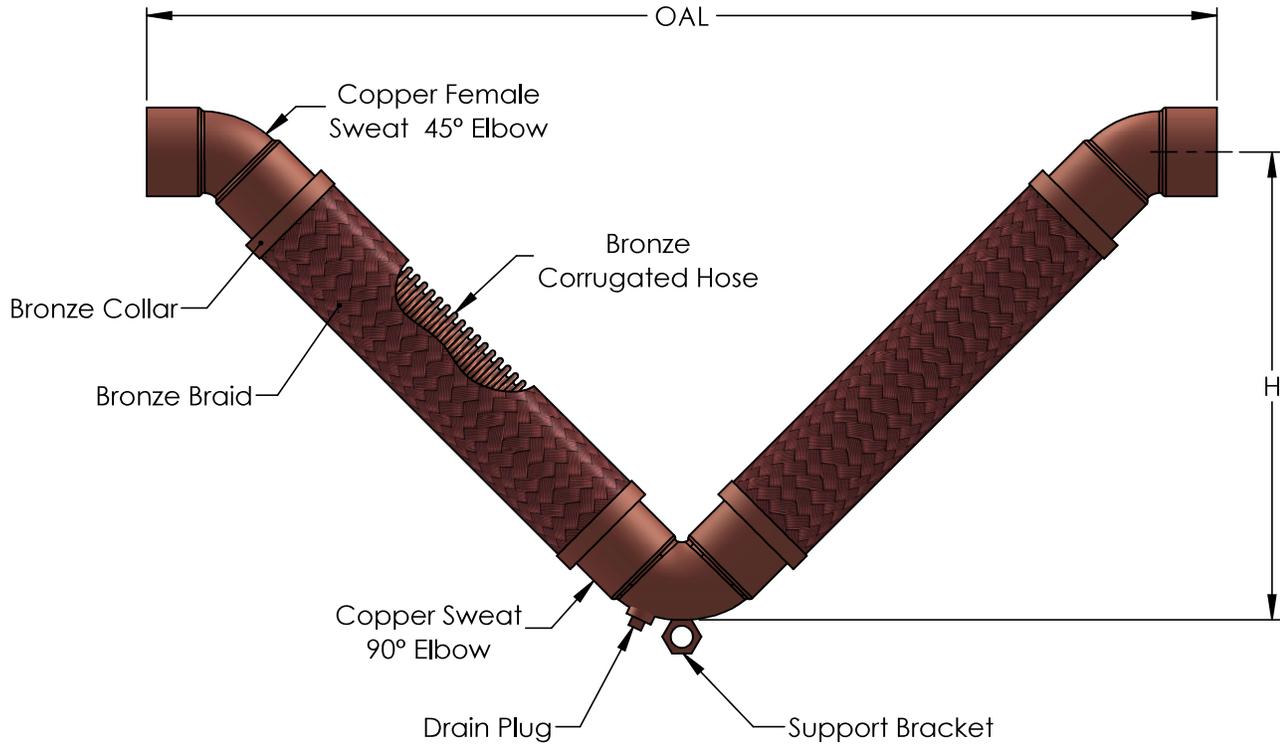


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Phone: 763-201-2151  
Fax: 763-201-2134  
Email: sales@engineeredflex.com

Customer:  
Project:  
Style: SEISMIC SWEAT V-LOOP 3" MOVEMENT

SCALE: NONE DRAWING NUMBER:





**\*TOTAL FORCE NECESSARY TO ACCOMODATE FULL MOTION, CALCULATED @ 150 PSIG**

QTY.	PIPE SIZE NPS	OAL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1/2"	26-1/2"	12-1/2"	34	706	1059	4"
	3/4"	30"	14"	40	577	865	
	1"	31-3/4"	14"	44	470	705	
	1-1/4"	34-1/2"	16"	65	361	541	
	1-1/2"	36"	16-1/2"	70	329	493	
	2"	40-1/4"	18-1/2"	80	317	475	
	2-1/2"	45-1/4"	20-1/4"	86	272	408	
	3"	51-1/2"	23-1/2"	93	211	316	
	4"	58-1/2"	26-1/2"	127	142	213	

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Phone: 763-201-2151  
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Email: sales@engineeredflex.com

Customer:  
Project:  
Style: SEISMIC SWEAT V-LOOP 4" MOVEMENT

SCALE: NONE DRAWING NUMBER:

