

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

QTY.	PIPE SIZE NPS	OAL (IN)	LL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1/2"	22-1/4"	9"	9-1/4"	35	1075	1613	2"
	3/4"	23-3/4"	10"	9-3/4"	41	792	1188	
	1"	27-1/2"	11"	10-3/4"	45	571	857	
	1-1/4"	29-3/4"	12-1/2"	12"	64	531	797	
	1-1/2"	31-1/2"	12-1/2"	12-3/4"	68	472	708	
	2"	35-1/2"	14"	14-1/2"	82	516	774	
	2-1/2"	39-1/2"	14-1/2"	16"	86	387	581	
	3"	45-1/2"	16-1/2"	18"	93	316	474	
	4"	84"	18"	20-1/4"	127	232	348	

*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	.91
300	.85
400	.78
500	.77
600	.76

1. **MAXIMUM OPERATING TEMPERATURE: 800°F**
2. **OTHER STYLE FLANGES AVAILABLE**



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.

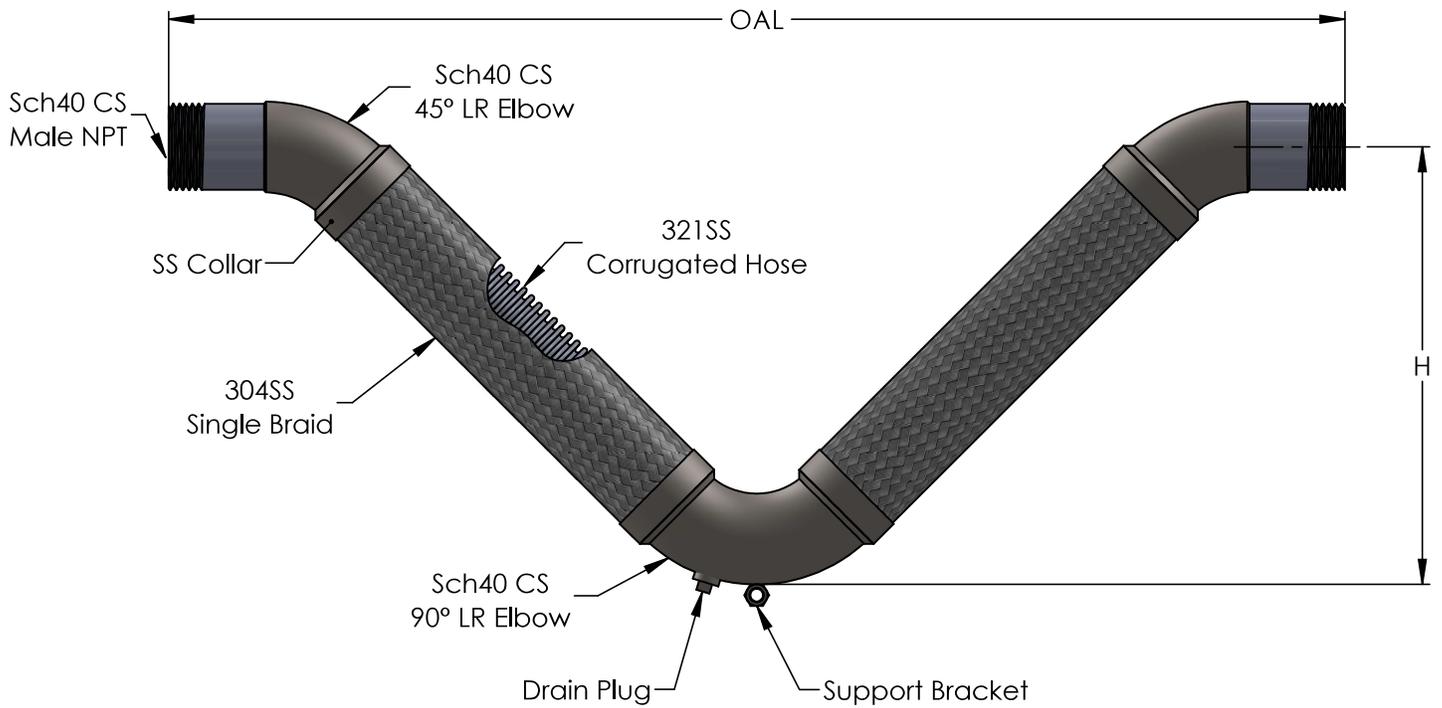
REV. DRAWN BY: AM Date: 1/25/2019



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

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

SCALE: NONE DRAWING NUMBER:



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

QTY.	PIPE SIZE NPS	OAL (IN)	LL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1/2"	25-3/4"	11-1/2"	11"	35	1075	1613	3"
	3/4"	27-1/4"	12-1/2"	11-1/2"	41	792	1188	
	1"	31"	13-1/2"	12-3/4"	45	571	857	
	1-1/4"	33-1/2"	14-1/2"	13-3/4"	64	531	797	
	1-1/2"	35-3/4"	15-1/2"	14-3/4"	68	472	708	
	2"	39-3/4"	17"	17"	82	516	774	
	2-1/2"	44-1/2"	18"	18-1/2"	86	387	581	
	3"	50-1/4"	20"	20-1/2"	93	316	474	
	4"	59"	22"	23-1/2"	127	232	348	

*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	.91
300	.85
400	.78
500	.77
600	.76

1. MAXIMUM OPERATING TEMPERATURE: 800°F
2. OTHER STYLE FLANGES AVAILABLE



NOTES:

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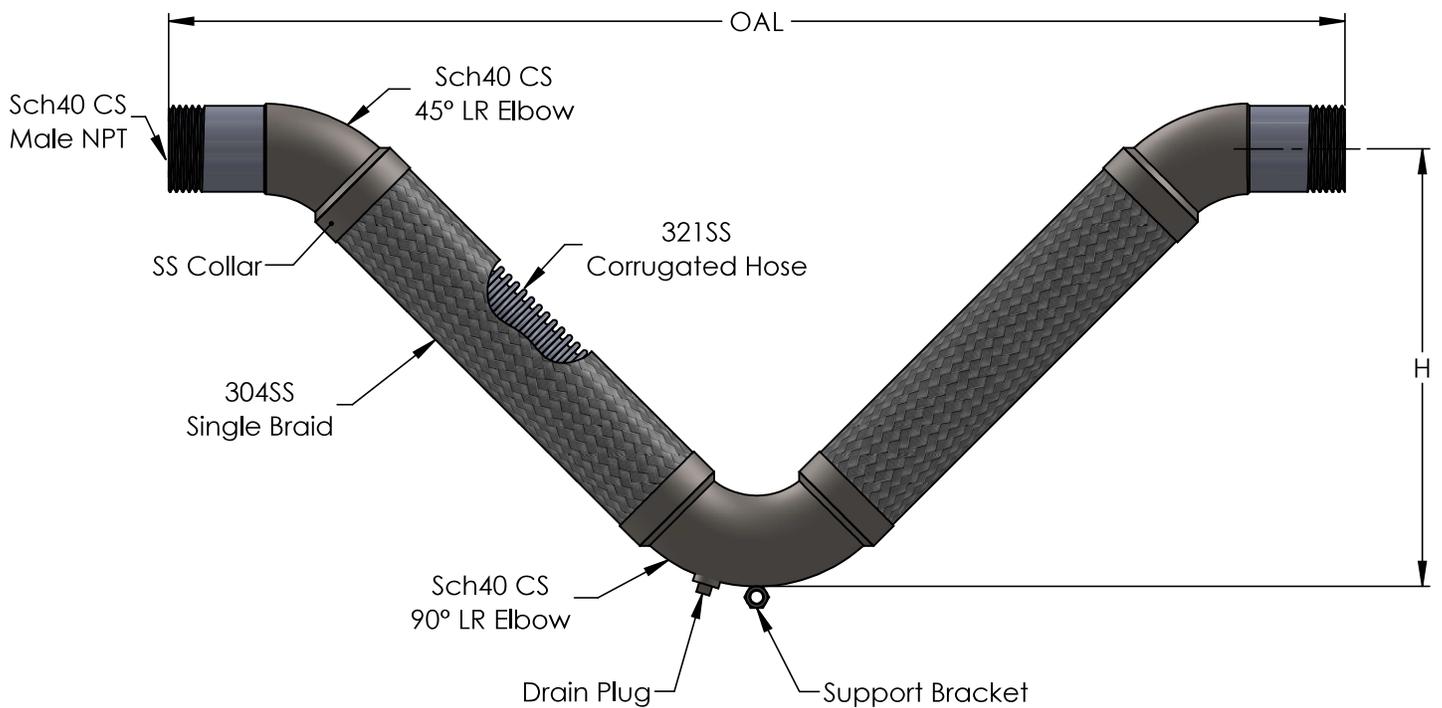
REV. DRAWN BY: AM Date: 1/25/2019



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

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

SCALE: NONE DRAWING NUMBER:



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

QTY.	PIPE SIZE NPS	OAL (IN)	LL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1/2"	28-1/2"	13-1/2"	12-1/4"	35	1075	1613	4"
	3/4"	30-3/4"	15"	13-1/4"	41	792	1188	
	1"	34-1/2"	16"	14-1/2"	45	571	857	
	1-1/4"	37"	17"	15-1/2"	64	531	797	
	1-1/2"	39-1/4"	18"	16-1/2"	68	472	708	
	2"	44"	20"	19"	82	516	774	
	2-1/2"	48"	20-1/2"	20"	86	387	581	
	3"	55-1/4"	23-1/2"	23"	93	316	474	
	4"	64"	25-1/2"	26"	127	232	348	

*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	.91
300	.85
400	.78
500	.77
600	.76

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.

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

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

SCALE: NONE DRAWING NUMBER:

1. MAXIMUM OPERATING TEMPERATURE: 800°F
2. OTHER STYLE FLANGES AVAILABLE

