

# Tri-Flex Loop® Expansion Loops and Seismic Connectors

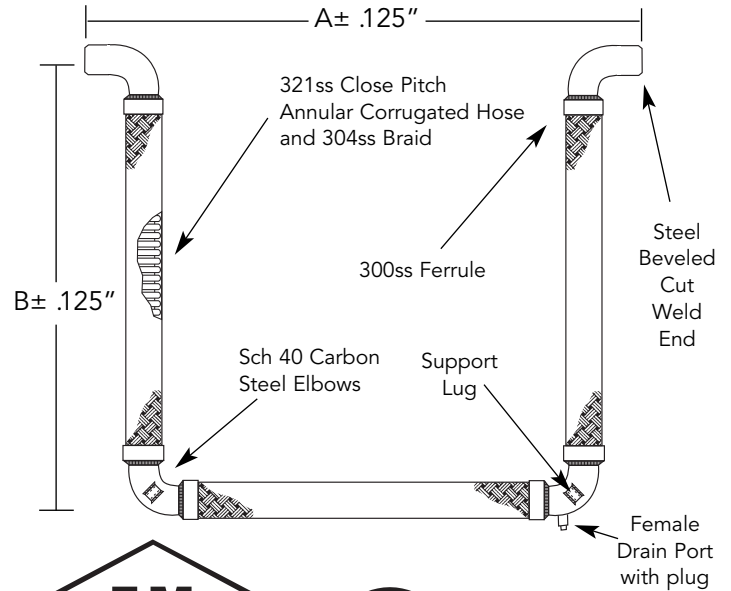


**LISTED**  
Tri-Flex Loop® Stainless steel 1"-4" for compressed and combustible gases at pressures not exceeding 175 PSI at ambient temperature 33NB

I.D. (IN.)	LENGTH (IN.)		PRESSURE (PSI) @ Ambient Temperature	MOVEMENTS					DRAIN PORT	SPRING RATE @125PSI	WT. (LBS)
	A	B		COMPRESSION (IN.)	EXTENSION (IN.)	PARALLEL (IN.)	ROTATION "X" AXIS (°)	NON-PARALLEL "Y" AXIS (IN.)			
<b>TFL2SWN</b>											
1.0	24.00	15.75	175	2	2	2	20°	1	½	7	5
1.25	27.00	18.00	175	2	2	2	15°	1	½	9	7
1.5	30.00	19.50	175	2	2	2	15°	1	½	10	10
2.0	34.00	22.25	175	2	2	2	10°	1	½	13	13
2.5	38.00	25.00	175	2	2	2	10°	1	¾	23	25
3.0	43.25	28.00	175	2	2	2	10°	1	¾	33	24
4.0	50.75	33.00	175	2	2	2	5°	1	¾	53	59

Manufactured with 5:1 safety factor. All Tri-Flex Loops are 100% hydrostatic tested at the factory to 262 psig.

U.S. PATENT NO. 5,803,506



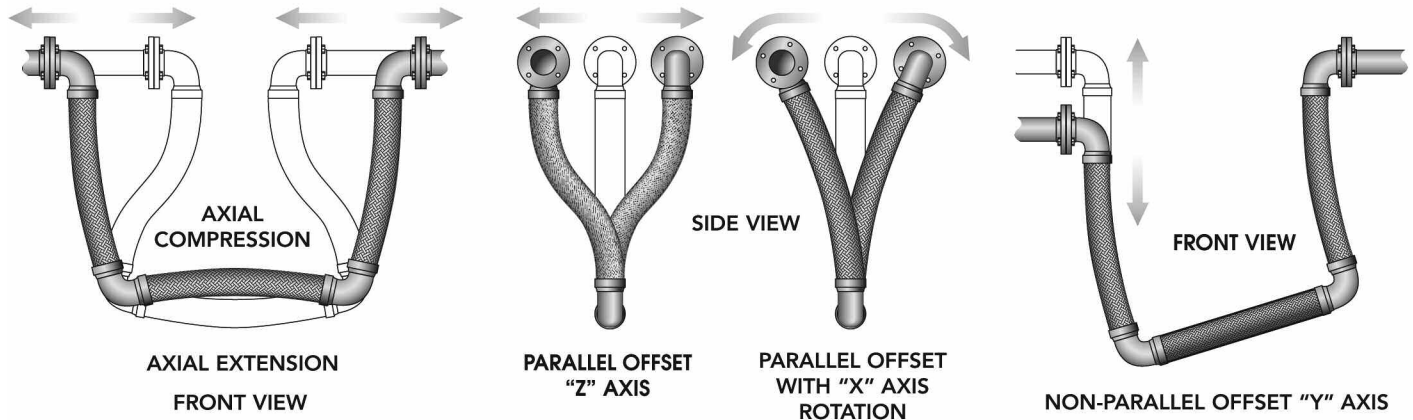
**APPROVED**  
For Fire Protection Systems



CSA standard B-51 certified. Inspected and tested by the Technical Standards and Safety Authority of Canada.

## Tri-Flex Loop® Movement Capabilities

Tri-Flex Loop is capable of handling the following movements simultaneously:



PROJECT	
CUSTOMER	
ENGINEER	
REPRESENTATIVE	
DRAWING #	



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WS201508

Expansion Loops & Seismic Connectors

**TFL2SWN-UL 1"-4" I.D.**