

# Tri-Flex Loop® Expansion Loops and Seismic Connectors



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>TFL4SMN</b>											
1.0	25.75	20.50	175	4	4	4	30°	2	½	7	7
1.25	29.38	22.50	175	4	4	4	25°	2	½	9	9
1.5	32.00	24.50	175	4	4	4	25°	2	½	10	13
2.0	37.00	28.25	175	4	4	4	20°	2	½	13	18
2.5	41.00	31.00	175	4	4	4	20°	2	¾	23	30
3.0	45.25	34.00	175	4	4	4	15°	2	¾	33	40
4.0	55.75	40.00	175	4	4	4	10°	2	¾	53	70

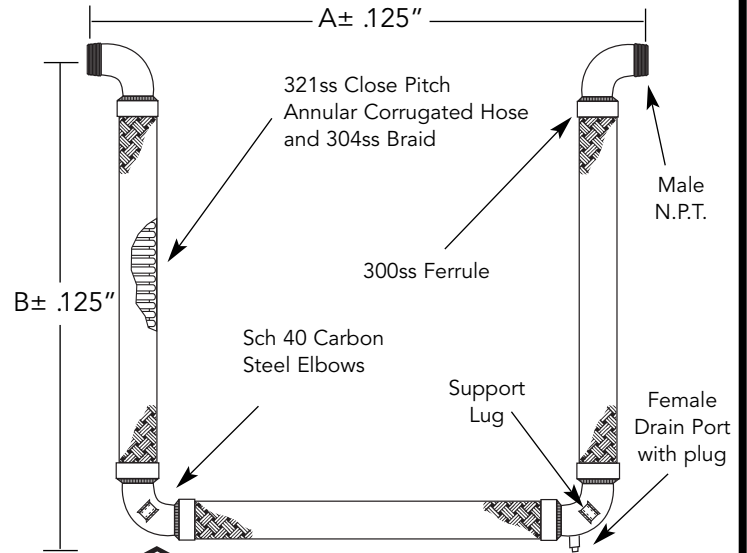
Manufactured with 5:1 safety factor. All Tri-Flex Loops are 100% hydrostatic tested at the factory to 262 psig.

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



**LISTED**

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



**APPROVED**

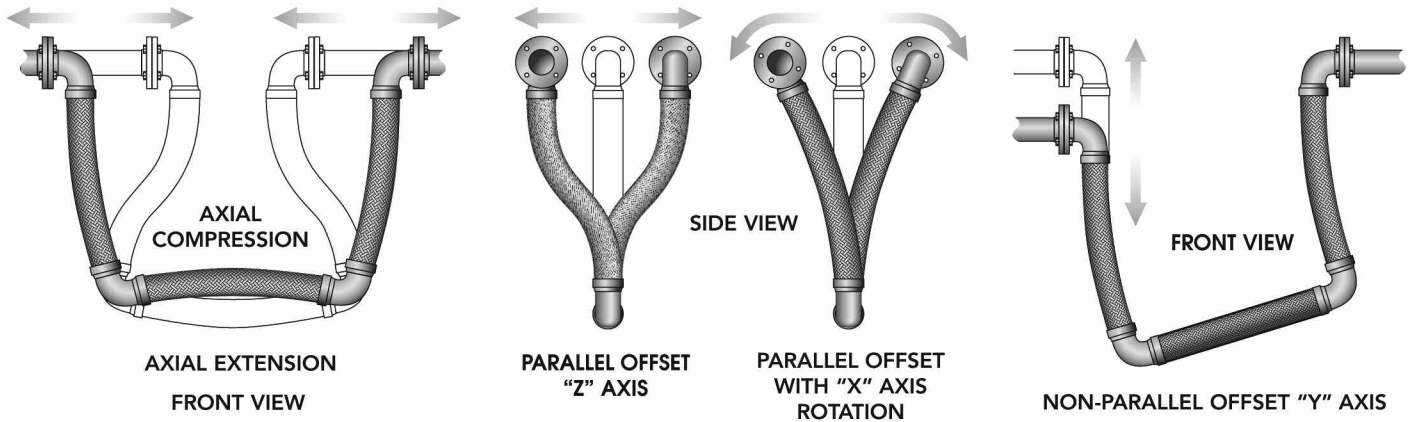
For Fire Protection Systems



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

**TFL4SMN-UL 1"-4" I.D.**