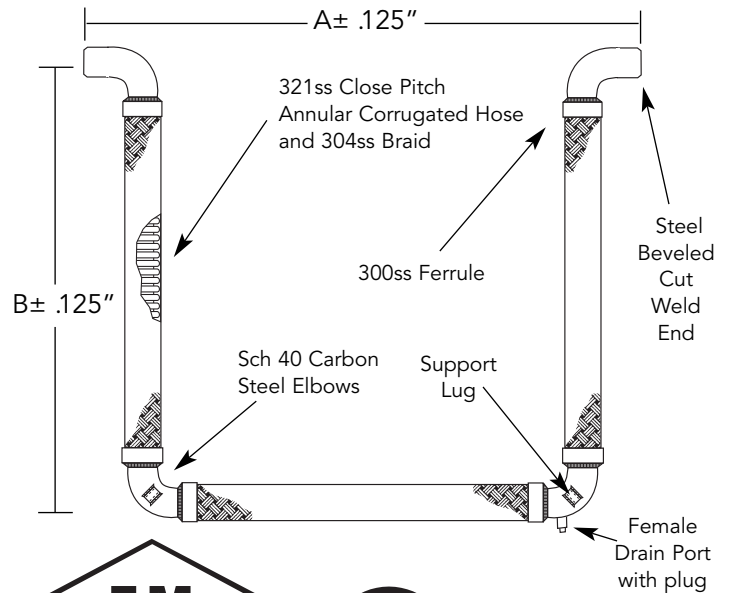


# Tri-Flex Loop® Expansion Loops and Seismic Connectors



**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>TFL4SWN</b>												
1.0	28.75	20.50	175	4	4	4	30°	2	½	7	6	
1.25	31.38	22.50	175	4	4	4	25°	2	½	9	8	
1.5	35.00	24.50	175	4	4	4	25°	2	½	10	12	
2.0	40.00	28.25	175	4	4	4	20°	2	½	13	17	
2.5	44.00	31.00	175	4	4	4	20°	2	¾	23	28	
3.0	49.25	34.00	175	4	4	4	15°	2	¾	33	38	
4.0	57.75	40.00	175	4	4	4	10°	2	¾	53	65	



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



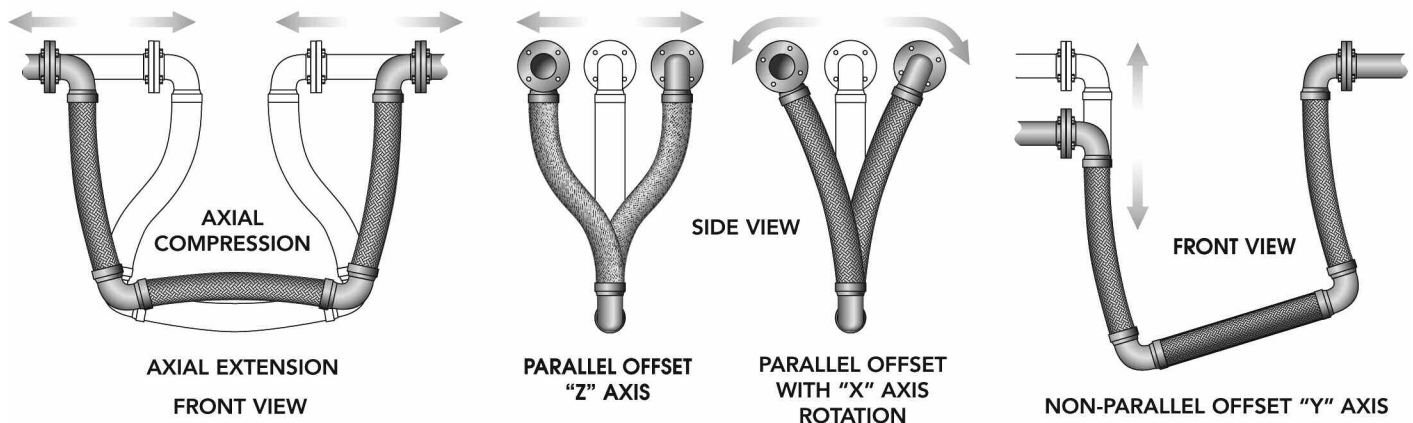
**APPROVED**  
For Fire Protection Systems



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