Tri-Flex Loop® Expansion Loops and Seismic Connectors



	MO	/EME	NTS		li
I (in.)	(:		AXIS (%)	"Y" AXIS (in.)	

LISTED 536

Tri-Flex Loop® Stainless steel ½"- 4" for compressed and combustible gases at pressures not exceeding 175 PSI at ambient temperature. The term combustible gases, as used herein, means gases such as liquefied petroleum gases, and manufactured and natural gases.

33NR

A± .125" —

PEOS INDUSTRY BIP				COMPRESSION (in	n.)		" AX	λ		
			Pressure	SSIO	EXTENSION (in.)	PARALLEL (in.)	ROTATION "X"	NON-PARALLEL	+	
			(PSI) @	RES	SIO	邑	Į į	AR.	Por	(lbs.)
I.D.	LENGTH (in.)		Ambient	MP	TEN	RAL	TA	A-N	Drain Port	
(In.)	Α	В	Temperature	8	Ë	ΡA	RO	8	ă	WT.
	ULTFL2SMN									
1/2	23.50	18.00	175	4	4	4	35°	2	1/4	3
3/4	23.25	18.50	175	4	4	4	35°	2	1/4	4
1.0	25.75	20.50	175	4	4	4	30°	2	1/2	7
1.25	29.38	22.50	175	4	4	4	25°	2	1/2	9
1.5	32.00	24.50	175	4	4	4	25°	2	1/2	13
2.0	37.00	28.25	175	4	4	4	20°	2	1/2	18
2.5	41.00	31.00	175	4	4	4	20°	2	3/4	30
3.0	45.25	34.00	175	4	4	4	15°	2	3/4	40
4.0	55.75	40.00	175	4	4	4	10°	2	3/4	70

321ss Close Pitch
Annular Corrugated Hose
and 304ss Braid

Male
N.P.T.

Sch 40 Carbon
Steel Elbows

Support
Lug

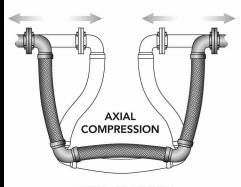
Female
Drain Port
with plug

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

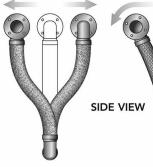


Tri-Flex Loop® Movement Capabilites

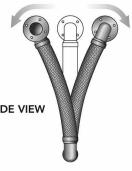
 $\label{thm:condition} \textit{Tri-Flex Loop is capable of handling the following movements simultaneously:}$



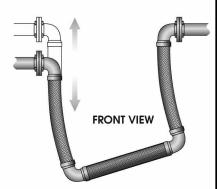
AXIAL EXTENSION FRONT VIEW



PARALLEL OFFSET "Z" AXIS



PARALLEL OFFSET WITH "X" AXIS ROTATION



NON-PARALLEL OFFSET "Y" AXIS

PROJECT	
CUSTOMER	
ENGINEER	
REPRESENTATIVE	
DRAWING #	



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