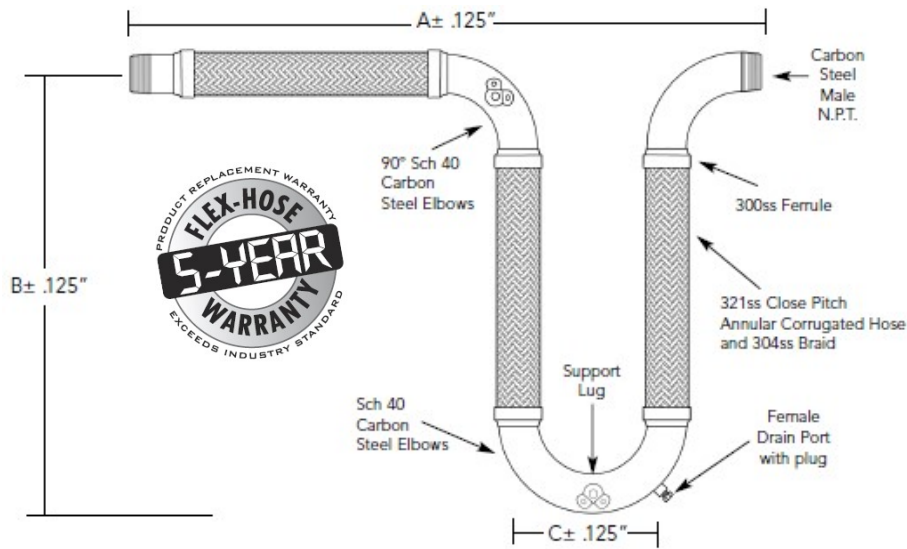


AssureFlex® Tri-Loop® Expansion Loops & Seismic Loops For Fire Protection

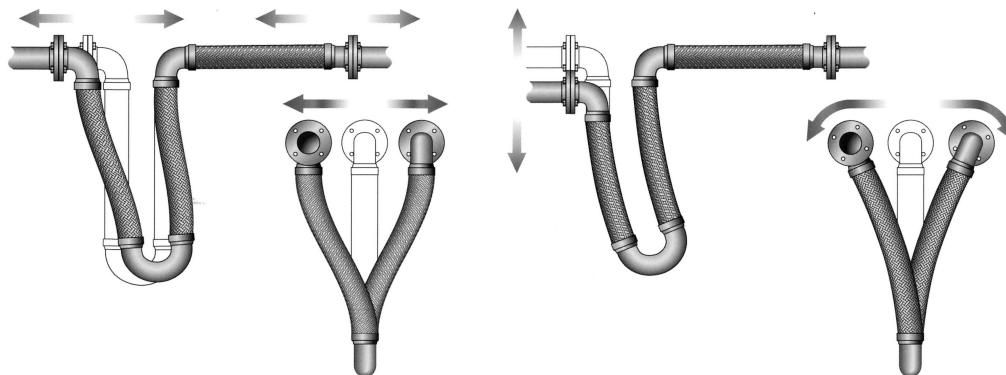


U.S. Patent No.
10,458,575 B2

Qty	I.D. (in.)	Dimensions			Pressure (PSI) @70° F	Movement Capability					Drain Port (in.)	Wt. (lb.)	Notes
		"A" (in.)	"B" (in.)	"C" (in.)		Compression (in.)	Extension (in.)	Parallel (in.)	Rotate "X" Axis (Deg.)	Non-Parallel "Y" Axis (in.)			
	1/2	33.50	24.50	13.00	300	8.0	8.0	8.0	35°	2.0	1/4"	3.2	
	3/4	34.50	26.00	13.50	300	8.0	8.0	8.0	35°	2.0	1/4"	4.3	
	1.00	36.38	27.50	13.63	300	8.0	8.0	8.0	30°	2.0	1/2"	6	
	1.25	39.63	30.00	14.00	300	8.0	8.0	8.0	25°	2.0	1/2"	8.5	
	1.50	41.75	32.25	14.25	300	8.0	8.0	8.0	25°	2.0	1/2"	10	
	2.00	45.75	36.75	14.75	300	8.0	8.0	8.0	20°	2.0	1/2"	19	
	2.50	49.38	39.00	15.75	300	8.0	8.0	8.0	20°	2.0	3/4"	32	
	3.00	53.00	43.25	16.25	300	8.0	8.0	8.0	15°	2.0	3/4"	43	
	4.00	59.50	50.50	17.25	175	8.0	8.0	8.0	10°	2.0	3/4"	70	

Working pressure shown for the hose and braid are based on an operating temperature of 70°F (21°C) with a 4:1 safety factor.

Tri-Loop Movement Capabilities



PROJECT	
CUSTOMER	
ENGINEER	
REPRESENTATIVE	
DRAWING #	



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