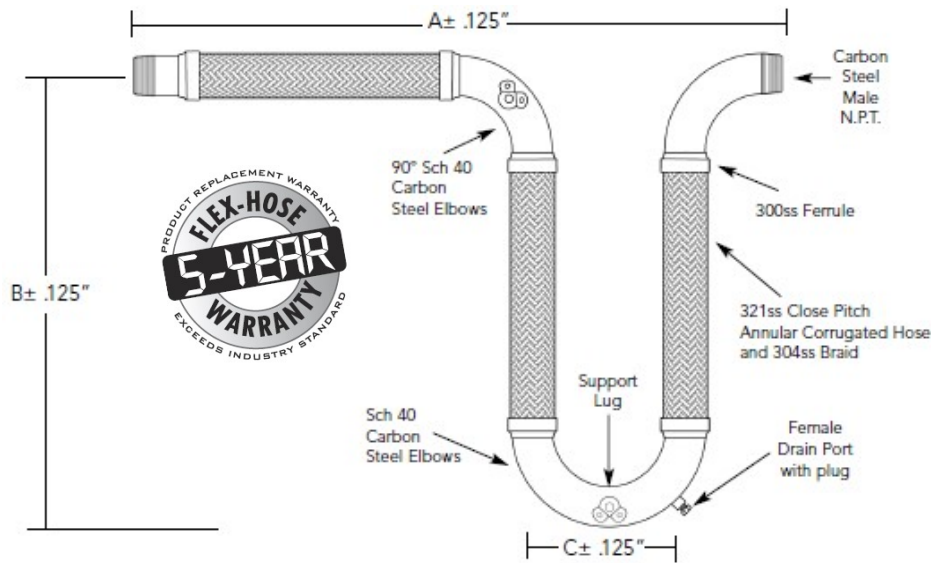


# AssureFlex® Tri-Loop® Expansion Loops & Seismic Loops For Fire Protection



**UL** US LISTED  
EX28995  
(Flexible Joint Fitting)

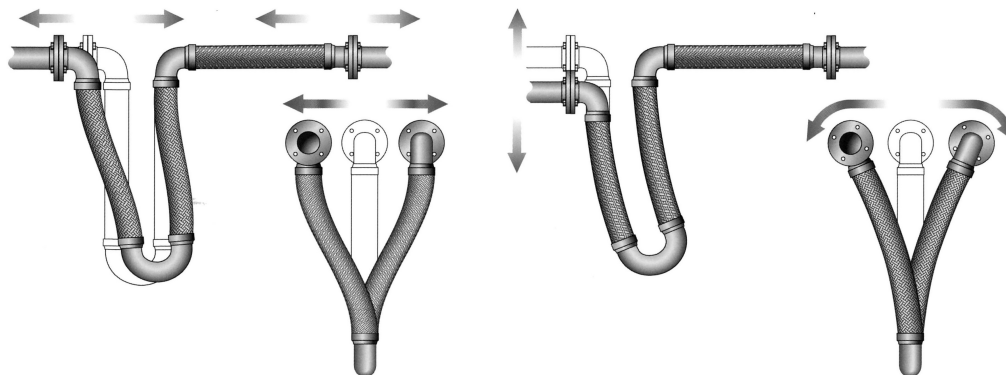
**SA** CSA standard B-51 certified. Inspected and tested by the Technical Standards and Safety Authority of Canada.

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	29.50	18.00	9.50	300	4.0	4.0	4.0	35°	2.0	¼"	2.2	
	3/4	31.25	18.50	10.25	300	4.0	4.0	4.0	35°	2.0	¼"	3	
	1.00	33.25	20.50	10.50	300	4.0	4.0	4.0	30°	2.0	½"	5.2	
	1.25	36.38	22.50	10.75	300	4.0	4.0	4.0	25°	2.0	½"	7.3	
	1.50	38.00	24.50	10.50	300	4.0	4.0	4.0	25°	2.0	½"	8.9	
	2.00	42.75	28.25	11.75	300	4.0	4.0	4.0	20°	2.0	½"	17	
	2.50	45.50	31.00	12.00	300	4.0	4.0	4.0	20°	2.0	¾"	29	
	3.00	48.75	34.00	12.50	300	4.0	4.0	4.0	15°	2.0	¾"	39	
	4.00	56.00	40.00	14.25	175	4.0	4.0	4.0	10°	2.0	¾"	65	

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 #	



4560 Buckley Road  
Liverpool, New York USA 13088-2509  
315/437-1611 • Fax 315/437-1903  
www.flexhose.com • 1.877.TRI FLEX

Rev. 09/23

Expansion Loops & Seismic Loops For Fire Protection **FPTLAM ½"-4" I.D.**