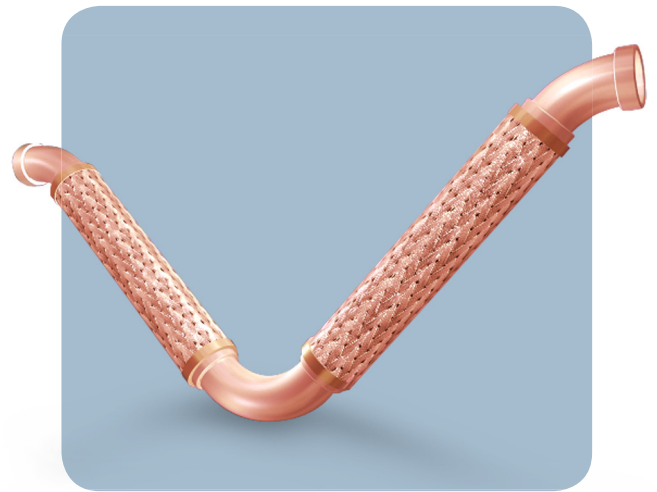


Seismic Flex Loops

Unisource Series 440 Copper Sweat "V-Loop"

Series 440 loops are designed specifically for copper piping systems. They are constructed with copper female sweat ends and copper elbows and either stainless steel braided hose or bronze braided hose, depending on size. Those loops using stainless steel braided hose will also utilize stainless steel 90-degree return elbows.

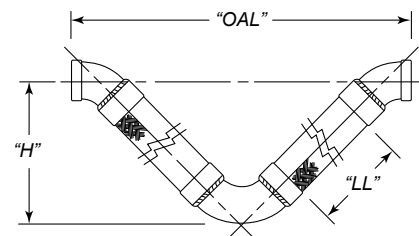
As in other configurations of **V-Loops**, choose from either 2" or 4" of motion from center-line. Unisource can also add an eyelet at the 90 degree elbow to accommodate a support rod or cable.



SERIES 440, BRONZE/COPPER "V-LOOP"

Hose: Bronze
Braid: Bronze
Elbows: Copper
Ends: Female Copper Sweat

Note: Sizes 2-1/2", 3", and 4" are constructed with stainless steel hose and braid, stainless steel 90-degree Sch 10 bottom elbow and copper sweat end connections.



Part #	Size (Inches)	Overall Length OAL (Inches)	Live Length LL (Inches)	Height H (Inches)	Approximate Spring Force (Lbs.) to Deflect the Full Rated Movement	Pressure Ratings @ 70°F (PSIG)		Allowable Motions X, Y, or Z
						W.P.	Max. Test	
440-050-2	1/2	18-3/4	9-1/2	8-3/4	5	566	849	2"
440-075-2	3/4	21-5/8	10	9-3/4	9	468	701	
440-100-2	1	23-1/4	10-1/2	10-5/8	11	334	501	
440-125-2	1-1/4	26-3/8	11-1/2	12	26	306	459	
440-150-2	1-1/2	28-5/8	12	13	42	297	445	
440-200-2	2	32-1/2	13	14-5/8	72	210	315	
440-250-2	2-1/2	38-1/4	15-1/2	16-5/8	114	387	581	
440-300-2	3	42-3/4	17	18-1/2	137	316	474	
440-400-2	4	48-3/4	18	20-1/2	152	232	348	

440-050-4	1/2	25-1/4	14	12	5	566	849	4"
440-075-4	3/4	28-3/4	15	13-3/8	9	468	701	
440-100-4	1	30-3/8	15-1/2	14-1/4	11	334	501	
440-125-4	1-1/4	33-3/8	16-1/2	15-1/2	26	306	459	
440-150-4	1-1/2	35-3/4	17	16-1/2	42	297	445	
440-200-4	2	40-1/4	18-1/2	18-1/2	72	210	315	
440-250-4	2-1/2	45-1/4	20-1/2	20-1/4	114	387	581	
440-300-4	3	52	23-1/2	23	137	316	474	
440-400-4	4	59	25-1/2	25-3/4	152	232	348	

* Total force necessary to accommodate full 2" motion, calculated @ 100 PSIG except 2-1/2" - 4" @ 150 PSI.