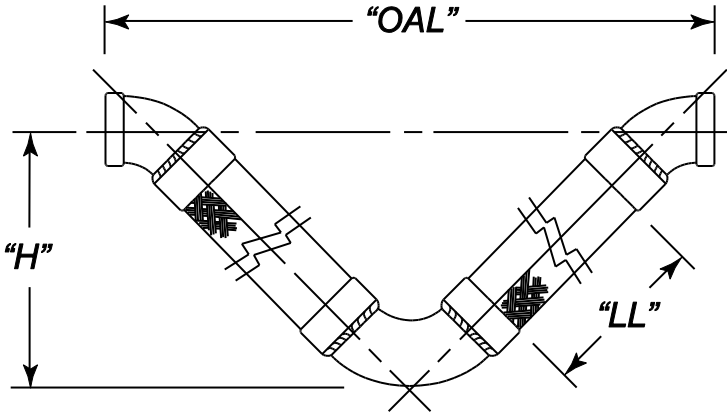


Notes Regarding Field Installation:

- (1) Field connections using a brazing or sweating process should not use a flux that is chlorinated. Flux that is residual on the interior or exterior of a hose that is chlorinated will corrode and cause premature failure of the stainless steel and void any warranty.
- (2) The field installation of the connectors will require the use of a heat sink material to absorb transient heat that could decouple the fittings from the hose. Failure to provide adequate heat control during installation will cause irreparable damage and void the warranty.

UNISOURCE
SERIES 455
Medflex
Seismic "V"
Connector



Construction, Materials:

- Hose:** *Bronze***
Braid: *Bronze**, Single Braid*
Ends: *Copper Sweat*
Elbows: *Copper***

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

The referenced loops are manufactured, documented, welded, purged, tested, and cleaned to the applicable sections of **NFPA99** for medical gas service.

Maximum Operating Temperature: 450 °F.

Qty	Size (In)	Model Number	Overall Length OAL (In.)	Live Length LL (In.)	Height H (In.)	Approximate Spring Force (Lbs.) to Deflect the Full Rated Movement *	Pressure Ratings ¹ (PSIG) @ 70°F.		Allowable Motions X, Y, or Z
							Oper.	Test	
	1/2	455-050-4	25-1/4	14	12	5	566	849	4"
	3/4	455-075-4	28-3/4	15	13-3/8	9	468	701	
	1	455-100-4	30-3/8	15	14-1/4	11	334	501	
	1-1/4	455-125-4	33-3/8	16-1/2	15-1/2	26	306	459	
	1-1/2	455-150-4	35-3/4	17	16-1/2	42	297	445	
	2	455-200-4	40-1/4	18-1/2	18-1/2	72	210	315	
	2-1/2	455-250-4	45-1/4	20-1/2	20-1/4	114	387	581	
	3	455-300-4	52	23-1/2	23	137	316	474	
	4	455-400-4	59	25-1/2	25-3/4	152	232	348	

* Total force necessary to accommodate full motion; calculated @ 150 psi.

1. Note—where higher pressures are needed, double braided loops are available. Contact factory. Note: Rated pressures are for the V-Loop assemblies only and does not include the adjacent connecting pipe or soldered/brazed connection.

Customer: _____

Project: _____

Engineer: _____

P.O.#: _____



*Unisource Series 455
 Medflex "V" Connectors
 Designed For 4" Of Movement*