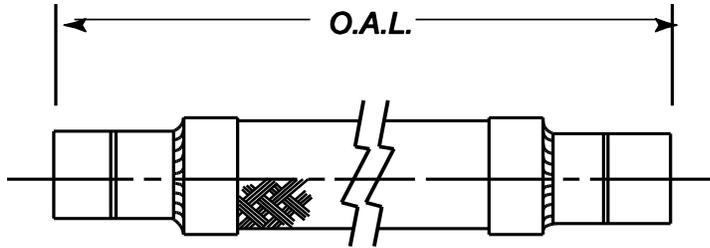


**UNISOURCE**  
**SERIES 412**  
**Stainless Braided**  
**Vibration**  
**Absorbers**



**Construction, Materials:**

**Hose & Braid:** *Stainless*

**Ends:** *Copper Sweat Ends*

**U.L. recognized through 3-1/8" O.D., File #6270**  
**C.S.A. recognized through 4-1/8" O.D., File #LR62439-3**  
**Units are cleaned, dehydrated and sealed in polyethylene bags**

**All VIB-Absorbers U.L. rated @ 5:1 Safety Factor.**

Model Number	Nom. Hose I.D.	To Fit Copper Tube		Overall Length	Length of Female Copper Tube End	Maximum Working Pressure	Approx Wght (Lbs.)
		Nom. Size	Actual O.D.				
412-2	1/4"	1/8"	1/4"	7-1/2"	1/2"	650 psi	.19
412-3	3/8"	1/4"	3/8"	8-1/4"	5/8"	650 psi	.25
412-4	3/8"	3/8"	1/2"	9"	3/4"	650 psi	.31
412-5	1/2"	1/2"	5/8"	9-3/4"	7/8"	650 psi	.44
412-6	1/2"	5/8"	3/4"	10"	1"	650 psi	.50
412-7	3/4"	5/8"	3/4"	11-1/4"	1-1/8"	650 psi	1.00
412-8	3/4"	3/4"	7/8"	11-1/2"	1-1/4"	650 psi	1.06
412-9	1"	1"	1-1/8"	13"	1-1/2"	600 psi	1.50
412-10	1-1/4"	1-1/4"	1-3/8"	14-3/4"	1-5/8"	550 psi	2.12
412-11	1-1/2"	1-1/2"	1-5/8"	17"	2"	510 psi	3.41
412-12	2"	2"	2-1/8"	20"	2-1/2"	400 psi	5.53
412-13	2-1/2"	2-1/2"	2-5/8"	24"	2-29/32"	350 psi	9.75
412-14	3"	3"	3-1/8"	27"	3-13/32"	320 psi	14.62
412-15	3-1/2"	3-1/2"	3-5/8"	32"	3-29/32"	114 psi	22.25
412-16	4"	4"	4-1/8"	33"	4-13/32"	114 psi	24.78

**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.

Customer: \_\_\_\_\_

Project: \_\_\_\_\_

Engineer: \_\_\_\_\_

PO#: \_\_\_\_\_



*Unisource Series 412 Stainless Braided Vibration Absorber*