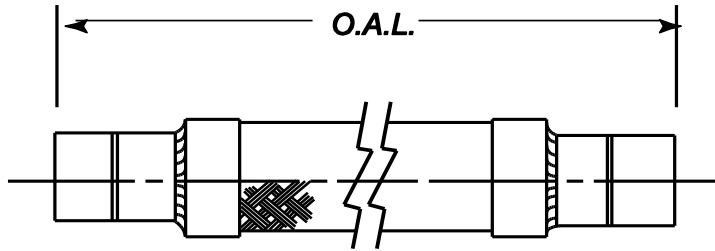


**UNISOURCE
SERIES 412
Bronze Braided
Vibration
Absorbers**



Construction, Materials:

Hose & Braid: *Bronze,*
(Series 300 Stainless Steel in
sizes 2-1/2" and larger)

Ends: *Copper Sweat Ends*

U.L. recognized through 3-1/8" O.D.

**Units are cleaned, dehydrated and sealed in
polyethylene bags**

Quant	Part #	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"	450 psi	0.2
	412-3	3/8"	1/4"	3/8"	8-1/4"	5/8"	450 psi	0.3
	412-4	3/8"	3/8"	1/2"	9"	3/4"	450 psi	0.3
	412-5	1/2"	1/2"	5/8"	9-3/4"	7/8"	450 psi	0.4
	412-6	1/2"	5/8"	3/4"	10"	1"	450 psi	0.4
	412-7	3/4"	5/8"	3/4"	11-1/4"	1-1/8"	440 psi	0.8
	412-8	3/4"	3/4"	7/8"	11-1/2"	1-1/4"	440 psi	0.8
	412-9	1"	1"	1-1/8"	13"	1-1/2"	400 psi	1.3
	412-10	1-1/4"	1-1/4"	1-3/8"	14-3/4"	1-5/8"	480 psi	2.1
	412-11	1-1/2"	1-1/2"	1-5/8"	17"	2"	420 psi	3.0
	412-12	2"	2"	2-1/8"	20"	2-1/2"	190 psi	4.1
	412-13	2-1/2"	2-1/2"	2-5/8"	24"	2-29/32"	320 psi	5.4
	412-14	3"	3"	3-1/8"	27"	3-13/32"	302 psi	7.4
	412-15	3-1/2"	3-1/2"	3-5/8"	32"	3-29/32"	168 psi	9.3
	412-16	4"	4"	4-1/8"	33"	4-13/32"	168 psi	12.4

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 Bronze Braided
Vibration Absorber*

9/22/2014