

# 794 Series Bronze Hose

794 Series annular corrugated hose is used often in seismic and water applications and in HVAC piping layouts to connect chillers and for vibration eliminators with copper tube ends.

Nom. I.D. (mm)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure @ 21°C (BAR) <sup>a</sup>		Bend Radius (mm)		Weight per Meter (Kg)
						Working <sup>b</sup>	Nominal Burst	Dynamic	Static	
	794-004	0			12.45	6.89	---			0.19
6	794-1BB-004	1	24 x 4 x .406	84	14.48	71.36	285.58	139.70	25.40	0.34
	794-2BB-004	2			16.51	114.18	456.92			0.49
	794-006	0			17.02	2.76	---			0.37
10	794-1BB-006	1	24 x 5 x .406	81	19.05	47.23	188.78	152.40	31.75	0.54
	794-2BB-006	2			21.08	75.57	302.06			0.70
	794-008	0			20.83	2.76	---			0.57
12	794-1BB-008	1	24 x 8 x .406	94	22.86	48.68	194.78	177.80	38.10	0.85
	794-2BB-008	2			24.89	77.91	311.64			1.13
	794-012	0			30.73	2.07	---			0.74
20	794-1BB-012	1	36 x 6 x .508	92	33.27	39.78	159.06	203.20	57.15	1.24
	794-2BB-012	2			35.81	63.64	254.49			1.73
	794-016	0			38.35	1.38	---			1.01
25	794-1BB-016	1	36 x 8 x .508	95	40.89	32.41	129.69	254.00	76.20	1.67
	794-2BB-016	2			43.43	51.85	207.46			2.32
	794-020	0			46.99	1.03	---			1.19
32	794-1BB-020	1	48 x 7 x .508	93	49.53	24.89	99.49	304.80	88.90	1.95
	794-2BB-020	2			52.07	39.78	159.20			2.71
	794-024	0			55.37	0.69	---			1.53
40	794-1BB-024	1	48 x 6 x .635	89	58.67	22.68	90.80	342.90	101.60	2.57
	794-2BB-024	2			61.72	36.27	145.27			3.62
	794-032	0			63.50	0.55	---			2.69
50	794-1BB-032	1	48 x 8 x .635	92	66.80	21.86	87.36	431.80	127.00	4.06
	794-2BB-032	2			69.85	34.96	139.76			5.43
	794-040	0			80.77	0.55	---			2.07
65	794-1BB-040	1	48 x 11 x .635	97	84.07	18.75	75.15	558.80	203.20	3.96
	794-2BB-040	2			87.12	29.99	120.24			5.85
	794-048	0			92.71	0.69	---			2.14
80	794-1BB-048	1	72 x 12 x .508	92	96.01	14.55	58.19	609.60	304.80	4.23
	794-2BB-048	2			99.31	23.30	93.22			6.12
	794-064	0			122.17	0.55	---			5.13
100	794-1BB-064	1	72 x 9 x .635	90	125.48	9.79	39.16	660.40	355.60	7.49
	794-2BB-064	2			128.52	15.65	62.67			9.84

a. Pressures listed have been reduced to account for welding as the method of attachment. Other methods such as brazing, neck-down designs or crimping will result in different pressures. Contact the factory for details.

b. Test pressure is 1.5x the Maximum Allowable Working Pressure (MAWP) for single braid layer and 1.1x MAWP for multiple braid layers.