

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. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) ^a		Bend Radius (in.)		Weight per Foot (Lb.)
						Working ^b	Nominal Burst	Dynamic	Static	
	794-004	0			0.49	100	---			0.13
1/4"	794-1BB-004	1	24 x 4 x .016	84	0.57	1,035	4,142	5.50	1.00	0.23
	794-2BB-004	2			0.65	1,656	6,627			0.33
	794-006	0			0.67	40	---			0.25
3/8"	794-1BB-006	1	24 x 5 x .016	81	0.75	685	2,738	6.00	1.25	0.36
	794-2BB-006	2			0.83	1,096	4,381			0.47
	794-008	0			0.82	40	---			0.38
1/2"	794-1BB-008	1	24 x 8 x .016	94	0.9	706	2,825	7.00	1.50	0.57
	794-2BB-008	2			0.98	1,130	4,520			0.76
	794-012	0			1.21	30	---			0.5
3/4"	794-1BB-012	1	36 x 6 x .020	92	1.31	577	2,307	8.00	2.25	0.83
	794-2BB-012	2			1.41	923	3,691			1.16
	794-016	0			1.51	20	---			0.68
1"	794-1BB-016	1	36 x 8 x .020	95	1.61	470	1,881	10.00	3.00	1.12
	794-2BB-016	2			1.71	752	3,009			1.56
	794-020	0			1.85	15	---			0.80
1-1/4"	794-1BB-020	1	48 x 7 x .020	93	1.95	361	1,443	12.00	3.50	1.31
	794-2BB-020	2			2.05	577	2,309			1.82
	794-024	0			2.18	10	---			1.03
1-1/2"	794-1BB-024	1	48 x 6 x .025	89	2.31	329	1,317	13.50	4.00	1.73
	794-2BB-024	2			2.43	526	2,107			2.43
	794-032	0			2.5	8	---			1.81
2"	794-1BB-032	1	48 x 8 x .025	92	2.63	317	1,267	17.00	5.00	2.73
	794-2BB-032	2			2.75	507	2,027			3.65
	794-040	0			3.18	8	---			1.39
2-1/2"	794-1BB-040	1	48 x 11 x .025	97	3.31	272	1,090	22.00	8.00	2.66
	794-2BB-040	2			3.43	435	1,744			3.93
	794-048	0			3.65	10	---			1.44
3"	794-1BB-048	1	72 x 12 x .020	92	3.78	211	844	24.00	12.00	2.84
	794-2BB-048	2			3.91	338	1,352			4.11
	794-064	0			4.81	8	---			3.45
4"	794-1BB-064	1	72 x 9 x .025	90	4.94	142	568	26.00	14.00	5.03
	794-2BB-064	2			5.06	227	909			6.61

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.