

Bronze Metal Hose

Construction: Close pitch, annular corrugation in hose only; hose with single braid; or hose with double braid configurations. Seamless tin bronze tubing usually covered with a bronze wire braid. Available as Series SS (Stainless Steel 304, 321, 316L) or Series B (Bronze).

Service: Conveying liquids and gases. Pressure-tight and good for applications involving vibration or flexure.

SERIES BRONZE-CORRUGATED METAL HOSE SPECIFICATIONS

Nominal ID (Inches)	HOSE TYPE	Max. OD (Inches)	Minimum C/L Bend Radius For		MIN. EXPOSED LENGTH FOR NORMAL VIBRATION (Inches)	Pressure Data				APPROX. WEIGHT PER FT. (lbs)
			CONSTANT FLEXURE (Inches)	PERMANENT BEND (Inches)		MAX. PRESSURE UNBRAIDED AND UNRESTRAINED (psi)	Rated Burst Pressure (psi)		MAX. TEST PRESSURE (psi)	
							REUSABLE FITTINGS	WELDED FITTINGS		
1/4	B-0	.460	4-1/2	1	---	220	---	---	---	.11
	B-1	.520			4	---	3500	3500	1750	.19
	B-2	.580			4	---	---	5200	3200	.27
5/16	B-0	.565	4-1/2	1-1/8	---	135	---	---	---	.17
	B-1	.625			4-1/4	---	3200	3200	1600	.28
	B-2	.685			4-1/4	---	---	4500	2200	.39
3/8	B-0	.645	5	1-1/4	---	110	---	---	---	.20
	B-1	.725			4-1/2	---	2800	2800	1400	.33
	B-2	.805			4-1/2	---	---	4000	2000	.46
1/2	B-0	.895	6	1-1/2	---	60	---	---	---	.34
	B-1	.975			5	---	2100	2100	1050	.54
	B-2	1.055			5	---	---	3500	1250	.74
3/4	B-0	1.210	7	2	---	55	---	---	---	.65
	B-1	1.320			6	---	1800	1800	900	.99
	B-2	1.430			6	---	---	3200	1000	1.33

1	B-0	1.465	8	3	---	50	---	---	---	.69
	B-1	1.575			7	---	1200	1500	750	1.10
	B-2	1.685			7	---	---	2500	900	1.51
1-1/4	B-0	1.775	9	3-1/4	---	45	---	---	---	.98
	B-1	1.885			7-1/2	---	1000	1200	600	1.53
	B-2	1.995			7-1/2	---	---	1800	850	2.08
1-1/2	B-0	2.090	10	3-1/2	---	35	---	---	---	1.30
	B-1	2.230			8	---	900	1200	600	2.00
	B-2	2.370			8	---	---	1800	650	2.69
2	B-0	2.715	11	6-1/4	---	12	---	---	---	1.89
	B-1	2.855			9-1/2	---	650	800	400	2.79
	B-2	2.995			9-1/2	---	---	1400	525	3.70
2-1/2	B-0	3.340	14	9-1/2	---	11	---	---	---	2.42
	B-1	3.510			10-1/2	---	450	950	420	3.76
	B-2	3.680			10-1/2	---	---	1000	420	5.10
3	B-0	3.965	18	12-3/4	---	10	---	---	---	3.23
	B-1	4.135			11	---	400	500	250	4.71
	B-2	4.305			11	---	---	800	400	6.19