



## BRONZE ANNULAR HOSE SERIES HBA

- Core material is copper alloy C51000 (95/5) and other materials on request
- Pressure capability includes full vacuum to pressures shown below
- Temperatures to 400°F. Consult Temperature Correction Factors for concurrent high temperature/high pressure applications
- Braid material is commercial bronze C22000 (90/10)
- Designed to maintain pipeline material integrity and prevent galvanic corrosion. Material properties allow for unique flexing capabilities.

Series HBA - Annular, Bronze, Standard Pitch Hose								
Nominal Hose Size (in.)	Braid Layers/ Type	Nominal Outside Diameter	Minimum Centerline Bend Radius (in.)		Pressure ratings at 70°F (PSIG) <sup>a,b</sup>			Weight Per Foot (lb.)
			Static	Dynamic	Max. Working	Max. Test	Nominal Burst	
1/4	0	0.46	2	6	120	180	—	0.12
	1	0.52			934	1401	3735	0.22
	2	0.57			1242	1863	4968	0.32
3/8	0	0.61	2	6	60	90	—	0.16
	1	0.67			704	1056	2815	0.29
	2	0.73			936	1404	3744	0.42
1/2	0	0.76	2.25	7	50	75	—	0.23
	1	0.81			566	849	2265	0.38
	2	0.87			753	1130	3012	0.53
3/4	0	1.05	2.5	8	30	45	—	0.33
	1	1.10			468	701	1870	0.55
	2	1.16			622	933	2487	0.77
1	0	1.34	3	9	26	39	—	0.41
	1	1.42			334	501	1335	0.68
	2	1.50			444	666	1776	0.95
1-1/4	0	1.78	3.5	10	16	24	—	0.71
	1	1.86			306	459	1225	1.15
	2	1.94			407	611	1629	1.59
1-1/2	0	2.09	4	10	15	22.5	—	0.93
	1	2.16			297	445	1187	1.47
	2	2.24			395	592	1579	2.01
2	0	2.54	6	11	10	15	—	1.00
	1	2.63			210	315	840	1.62
	2	2.73			279	419	1117	2.24
2-1/2	0	3.33	8.5	16	8	12	—	1.70
	1	3.45			194	291	775	2.68
	2	3.57			258	387	1031	3.66
3	0	3.89	10	20	5	8	—	2.10
	1	4.01			166	249	665	3.30
	2	4.13			221	332	884	4.50
4	0	4.79	12	24	3	4.5	—	2.31
	1	4.99			145	217	580	3.77
	2	5.19			192	288	770	5.39

a. SSB Hose, hose and corresponding braid must be used in combination to achieve pressure ratings.  
 c. Consult SSB Hose for higher maximum working pressures.