

Heavy Duty for Higher Pressure Applications and Longer Resistance to Chemical Corrosion

Series 800 Stainless Steel Hose

Construction: Annular / Close Pitch
 Material: Hose: For 321, use 821; For 316L, use 816
 Braid: For 304, use 1SHB; For 316L, use 1SHB-6; 6" is braided braid
 Characteristics: Heavy Weight / Medium Flexibility

Nom. I.D. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @70°F(PSIG) ^a		Centerline Bend Radius (in.)		Weight per Foot (LB.)
						Working ^b	Nominal Burst	Dynamic	Static	
1/4"	8xx-004	0			.50	180	---			0.09
	8xx-1SHB-004	1	24 x 5 x .014	89	.57	2,562	10,250	5.00	2.50	0.17
	8xx-2SHB-004	2			.64	4,099	16,400			0.26
3/8"	8xx-006	0			.67	100	---			0.13
	8xx-1SHB-006	1	24 x 7 x .014	91	.74	1,501	6,004	5.50	2.75	0.25
	8xx-2SHB-006	2			.81	2,401	9,604			0.36
1/2"	8xx-008	0			.82	80	---			0.39
	8xx-1SHB-008	1	24 x 7 x .020	96	.92	2,194	8,777	8.00	4.00	0.63
	8xx-2SHB-008	2			1.02	3,510	14,040			0.87
3/4"	8xx-012	0			1.21	70	---			0.48
	8xx-1SHB-012	1	36 x 6 x .020	92	1.31	1,311	5,244	8.00	4.00	0.79
	8xx-2SHB-012	2			1.41	2,098	8,392			1.10
1"	8xx-016	0			1.50	40	---			0.79
	8xx-1SHB-016	1	36 x 8 x .020	95	1.60	1,069	4,276	9.00	4.50	1.20
	8xx-2SHB-016	2			1.70	1,710	6,840			1.61
1-1/4"	8xx-020	0			1.85	33	---			1.02
	8xx-1SHB-020	1	48 x 6 x .025	95	1.97	1,110	4,443	10.00	5.00	1.66
	8xx-2SHB-020	2			2.10	1,776	7,040			2.30
1-1/2"	8xx-024	0			2.17	20	---			1.36
	8xx-1SHB-024	1	48 x 7 x .025	95	2.30	868	3,472	10.00	5.00	2.11
	8xx-2SHB-024	2			2.43	1,388	5,552			2.86
2"	8xx-032	0			2.51	15	---			1.60
	8xx-1SHB-032	1	48 x 9 x .025	95	2.64	810	3,240	11.50	5.75	2.56
	8xx-2SHB-032	2			2.76	1,296	5,184			3.52
2-1/2"	8xx-040	0			3.23	10	---			2.00
	8xx-1SHB-040	1	72 x 7 x .025	96	3.36	578	2,312	24.00	12.00	3.12
	8xx-2SHB-040	2			3.49	925	3,700			3.30
3"	8xx-048	0			3.78	10	---			2.97
	8xx-1SHB-048	1	72 x 9 x .025	88	3.91	540	2,160	28.00	14.00	4.42
	8xx-2SHB-048	2			4.03	864	3,456			5.87
4"	8xx-064	0			4.81	8	---			3.10
	8xx-1SHB-064	1	72 x 9 x .025	89	4.93	333	1,332	40.00	20.00	4.55
	8xx-2SHB-064	2			5.05	533	2,132			6.00
6"	8xx-096	0			6.87	5	---			3.85
	8xx-1SHB-096	1	96 x (13 x .025)	89	7.10	266	1,062	48.00	24.00	6.45
	8xx-2SHB-096	2			7.33	425	1,700			9.05

- 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 Working Pressure.