800 Series Stainless Steel Hose

800 Series annular corrugated hose has a heavier wall thickness and more corrugations than 700 Series. In combination with heavier braid designs, it is ideal for applications where corrosive media is present or where there are particularly robust handling requirements.

Nom. I.D (mm)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure @ 21°C(BAR)[a] Working[b]	Nominal Burst	Bend Radius (mm) Dynamic	Static	Weight per Meter (Kg)
	816-004	0			12.70	12.41	----			0.13
6	816-1SHB-004	1	24 x 5 x .356	89	14.48	176.64	706.71	127.00	63.50	0.25
	816-2SHB-004	2			16.26	282.62	1,130.74			0.39
	816-006	0			17.02	6.89	----			0.19
10	816-1SHB-006	1	24 x 7 x .356	91	18.80	103.49	413.96	139.70	69.85	0.37
	816-2SHB-006	2			20.57	165.54	662.17			0.54
	816-008	0			20.83	5.52	----			0.58
12	816-1SHB-008	1	24 x 7 x .508	96	23.37	151.27	605.15	203.20	101.60	0.94
	816-2SHB-008	2			25.91	242.01	968.02			1.29
	816-012	0			30.73	4.83	----			0.71
20	816-1SHB-012	1	36 x 6 x .508	92	33.27	90.39	361.56	203.20	101.60	1.18
	816-2SHB-012	2			35.81	144.65	578.61			1.64
	816-016	0			38.10	2.76	----			1.18
25	816-1SHB-016	1	36 x 8 x .508	95	40.64	73.70	294.82	228.60	114.30	1.79
	816-2SHB-016	2			43.18	117.90	471.60			2.40
	816-020	0			46.99	2.28	----			1.52
32	816-1SHB-020	1	48 x 6 x .635	95	50.04	76.53	306.33	254.00	127.00	2.47
	816-2SHB-020	2			53.34	122.45	485.39			3.42
	816-024	0			55.12	1.38	----			2.02
40	816-1SHB-024	1	48 x 7 x .635	95	58.42	59.85	239.39	254.00	127.00	3.14
	816-2SHB-024	2			61.72	95.70	382.80			4.26
	816-032	0			63.75	1.03	----			2.38
50	816-1SHB-032	1	48 x 9 x .635	95	67.06	55.85	223.39	292.10	146.05	3.81
	816-2SHB-032	2			70.10	89.36	357.42			5.24
	816-040	0			82.04	0.69	----			2.98
65	816-1SHB-040	1	72 x 7 x .635	96	85.34	39.85	159.41	609.60	304.80	4.64
	816-2SHB-040	2			88.65	63.78	255.11			4.91
	816-048	0			96.01	0.69	----			4.42
80	816-1SHB-048	1	72 x 9 x .635	88	99.31	37.23	148.93	711.20	355.60	6.58
	816-2SHB-048	2			102.36	59.57	238.28			8.74
	816-064	0			122.17	0.55	----			4.61
100	816-1SHB-064	1	72 x 9 x .635	89	125.22	22.96	91.84	1,016.00	508.00	6.77
	816-2SHB-064	2			128.27	36.75	147.00			8.93
	816-096	0			174.50	0.34	----			5.73
150	816-1SHB-096	1	96 x (13 x .635)	89	180.34	18.34	73.22	1,219.20	609.60	9.60
	816-2SHB-096	2			186.18	29.30	117.21			13.47
	FC816-3SHB-096	3			192.02	44.13	176.51			19.63
200[c]	816-128	0			230.89	0.41	----	1,600.20	812.80	8.93
	816-1SB-128	1	96 x (21 x .610)	96	233.43	16.13	64.40	1,600.20	812.80	14.88
	C816-2SB-128	2			235.97	31.03	124.11	1,168.40	609.60	26.79
	C816-3SB-128	3			238.51	37.92	151.68	1,168.40	609.60	32.74

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.
c. For 8" double and triple braided, use compressed hose.