



Series 700 Stainless Steel Hose

Construction: Annular / Standard Pitch – **Open Pitch available upon request, consult factory**

Material: 1/4"-6" Hose: 321 and 316L Stainless Steel
 Braid: 304L Stainless Steel – SB, see pg. 11
 8"-12" Hose: 321 and 316L Stainless Steel
 Braid: 304 Stainless Steel – SB, see pg. 11

14" Hose: 304 Stainless Steel
 Braid: 304 Stainless Steel – SB, see pg. 11
 Characteristics: Medium Weight / Medium Flexibility
 Packaging: Standard Cartons or Braided Hose-on-Reels

Nom. I.D. (IN.)	Part Number	Braid Layers	Nom. O.D. (IN.)	Maximum Pressure @70°F(PSIG) ^a			Centerline Bend Radius(IN.)		Weight per Foot (LB.)	Carton Qty. ^b (FT.)	Reel Qty. ^c (FT.)
				Working	Test	Nominal Burst	Dynamic	Static			
1/4"	7xx-004'	0	.48	180	270	----			.09		
	7xx-1SB-004	1	.57	2,116	3,844	10,250	5.00	1.00	.17	100	500
	7xx-2SB-004	2	.64	3,125	4,687	12,500			.26		
3/8"	7xx-006'	0	.63	100	150	----			.13		
	7xx-1SB-006	1	.74	1,501	2,251	6,004	5.50	1.25	.25	100	500
	7xx-2SB-006	2	.81	2,401	3,602	9,604			.36		
1/2"	7xx-008'	0	.82	80	120	----			.23		
	7xx-1SB-008	1	.89	1,075	1,613	4,301	6.00	1.50	.34	100	500
	7xx-2SB-008	2	.96	1,720	2,580	6,880			.46		
3/4"	7xx-012'	0	1.21	70	105	----			.39		
	7xx-1SB-012	1	1.28	792	1,188	3,168	8.00	2.25	.59	100	500
	7xx-2SB-012	2	1.35	1,267	1,901	5,069			.79		
1"	7xx-016'	0	1.51	40	60	----			.53		
	7xx-1SB-016	1	1.58	571	857	2,285	9.00	2.75	.75	100	450
	7xx-2SB-016	2	1.65	914	1,370	3,654			.98		
1-1/4"	7xx-020'	0	1.85	25	38	----			.76		
	7xx-1SB-020	1	1.93	531	797	2,125	10.50	3.50	1.07	50	400
	7xx-2SB-020	2	2.02	850	1,274	3,398			1.37		
1-1/2"	7xx-024'	0	2.19	20	30	----			.84		
	7xx-1SB-024	1	2.28	472	708	1,887	12.00	4.00	1.23	50	350
	7xx-2SB-024	2	2.37	755	1,133	3,021			1.63		
2"	7xx-032'	0	2.60	15	23	----			.90		
	7xx-1SB-032	1	2.72	516	774	2,064	15.00	5.00	1.52	50	250
	7xx-2SB-032	2	2.84	826	1,239	3,302			2.14		
2-1/2"	7xx-040'	0	3.23	12	18	----			1.16		
	7xx-1SB-040	1	3.33	387	581	1,548	20.00	8.00	1.86	25	na
	7xx-2SB-040	2	3.43	619	929	2,477			2.56		
3"	7xx-048'	0	3.78	10	15	----			1.21		
	7xx-1SB-048	1	3.88	316	474	1,264	22.00	9.00	2.00	25	na
	7xx-2SB-048	2	3.98	506	758	2,022			2.80		
3-1/2"	7xx-056'	0	4.32	9	14	----			1.62		
	7xx-1SB-056	1	4.45	297	445	1,188	24	10	2.61	25	na
	7xx-2SB-056	2	4.58	475	712	1,900			3.6		
4"	7xx-064'	0	4.85	8	12	----			1.69		
	7xx-1SB-064	1	4.98	232	348	927	27.00	13.00	2.68	25	na
	7xx-2SB-064	2	5.10	371	557	1,485			3.68		
5"	7xx-080'	0	5.90	6	9	----			2.50		
	7xx-1SB-080	1	6.03	191	286	764	31.00	18.00	3.75	25	na
	7xx-2SB-080	2	6.15	306	458	1,222			5.00		
6"	7xx-096'	0	6.87	5	8	----			3.47		
	7xx-1SB-096	1	7.10	165	247	660	36.00	19.00	4.75	25	na
	7xx-2SB-096	2	7.33	264	396	1,056			6.04		
8"	7xx-128'	0	9.09	6	9	----			5.56		
	7xx-1SB-128	1	9.19	234	350	934	40.00	20.00	9.44	25	na
	7xx-2SB-128	2	9.28	374	561	1,495			13.36		
10"	7xx-160'	0	11.18	5	8	----			6.80		
	7xx-1SB-160	1	11.32	230	344	918	50.00	25.00	12.90	12-15	na
	7xx-2SB-160	2	11.45	367	551	1,469			19.00		
12"	7xx-192'	0	13.23	3	5	----			9.02		
	7xx-1SB-192	1	13.37	161	241	643	60.00	30.00	14.83	12-15	na
	7xx-2SB-192	2	13.50	257	386	1,029			20.64		
14"	7xx-224'	0	14.70	3	5	----			14.10		
	7xx-1SB-224	1	14.84	119	178	476	70.00	35.00	21.70	10.5	na
	7xx-2SB-224	2	14.98	190	285	760			29.30		

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. Actual length may vary ± 20%.
 c. For x specify 21 for 321 stainless steel or 16 for 316L stainless steel.