

Penflex's most widely used hose

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
8"-12" Hose: 321 and 316L Stainless Steel
Braid: 304 Stainless Steel – SB

14" Hose: 304 Stainless Steel
Braid: 304 Stainless Steel – SB
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. ^b (FT.)
				Working	Test	Nominal Burst	Dynamic	Static			
1/4"	7xx-004 ^c	0	.48	180	270	----	5.00	1.00	.09	100	500
	7xx-1SB-004	1	.57	2,116	3,844	10,250			.17		
	7xx-2SB-004	2	.64	3,125	4,687	12,500			.26		
3/8"	7xx-006 ^c	0	.63	100	150	----	5.50	1.25	.13	100	500
	7xx-1SB-006	1	.74	1,501	2,251	6,004			.25		
	7xx-2SB-006	2	.81	2,401	3,602	9,604			.36		
1/2"	7xx-008 ^c	0	.82	80	120	----	6.00	1.50	.23	100	500
	7xx-1SB-008	1	.89	1,075	1,613	4,301			.34		
	7xx-2SB-008	2	.96	1,720	2,580	6,880			.46		
3/4"	7xx-012 ^c	0	1.21	70	105	----	8.00	2.25	.39	100	500
	7xx-1SB-012	1	1.28	792	1,188	3,168			.59		
	7xx-2SB-012	2	1.35	1,267	1,901	5,069			.79		
1"	7xx-016 ^c	0	1.51	40	60	----	9.00	2.75	.53	100	450
	7xx-1SB-016	1	1.58	571	857	2,285			.75		
	7xx-2SB-016	2	1.65	914	1,370	3,654			.98		
1-1/4"	7xx-020 ^c	0	1.85	25	38	----	10.50	3.50	.76	50	400
	7xx-1SB-020	1	1.93	531	797	2,125			1.07		
	7xx-2SB-020	2	2.02	850	1,274	3,398			1.37		
1-1/2"	7xx-024 ^c	0	2.19	20	30	----	12.00	4.00	.84	50	350
	7xx-1SB-024	1	2.28	472	708	1,887			1.23		
	7xx-2SB-024	2	2.37	755	1,133	3,021			1.63		
2"	7xx-032 ^c	0	2.60	15	23	----	15.00	5.00	.90	50	250
	7xx-1SB-032	1	2.72	516	774	2,064			1.52		
	7xx-2SB-032	2	2.84	826	1,239	3,302			2.14		
2-1/2"	7xx-040 ^c	0	3.23	12	18	----	20.00	8.00	1.16	25	na
	7xx-1SB-040	1	3.33	387	581	1,548			1.86		
	7xx-2SB-040	2	3.43	619	929	2,477			2.56		
3"	7xx-048 ^c	0	3.78	10	15	----	22.00	9.00	1.21	25	na
	7xx-1SB-048	1	3.88	316	474	1,264			2.00		
	7xx-2SB-048	2	3.98	506	758	2,022			2.80		
3-1/2"	7xx-056 ^c	0	4.32	9	14	----	24	10	1.62	25	na
	7xx-1SB-056	1	4.45	297	445	1,188			2.61		
	7xx-2SB-056	2	4.58	475	712	1,900			3.6		
4"	7xx-064 ^c	0	4.85	8	12	----	27.00	13.00	1.69	25	na
	7xx-1SB-064	1	4.98	232	348	927			2.68		
	7xx-2SB-064	2	5.10	371	557	1,485			3.68		
5"	7xx-080 ^c	0	5.90	6	9	----	31.00	18.00	2.50	25	na
	7xx-1SB-080	1	6.03	191	286	764			3.75		
	7xx-2SB-080	2	6.15	306	458	1,222			5.00		
6"	7xx-096 ^c	0	6.87	5	8	----	36.00	19.00	3.47	25	na
	7xx-1SB-096	1	7.10	165	247	660			4.75		
	7xx-2SB-096	2	7.33	264	396	1,056			6.04		
8"	7xx-128 ^c	0	9.09	6	9	----	40.00	20.00	5.56	25	na
	7xx-1SB-128	1	9.19	234	350	934			9.44		
	7xx-2SB-128	2	9.28	374	561	1,495			13.36		
10"	7xx-160 ^c	0	11.18	5	8	----	50.00	25.00	6.80	12-15	na
	7xx-1SB-160	1	11.32	230	344	918			12.90		
	7xx-2SB-160	2	11.45	367	551	1,469			19.00		
12"	7xx-192 ^c	0	13.23	3	5	----	60.00	30.00	9.02	12-15	na
	7xx-1SB-192	1	13.37	161	241	643			14.83		
	7xx-2SB-192	2	13.50	257	386	1,029			20.64		
14"	7xx-224 ^c	0	14.70	3	5	----	70.00	35.00	14.10	10.5	na
	7xx-1SB-224	1	14.84	119	178	476			21.70		
	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 xx specify 21 for 321 stainless steel or 16 for 316L stainless steel.