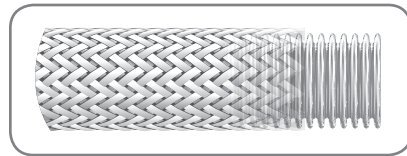


Superflex



Size	Hose Material	Braid Material	Temperature
1/4" through 6"	321 and 316L stainless steel	304L or 316 stainless steel	-321°F to 1500 °F
8" through 12"	321 and 316L stainless steel	304 stainless steel	-321°F to 850°F
14" and larger	Call for specifications	304 stainless steel	-321°F to 850°F

Basic Construction:

Medium-weight annular hose.
Standard pitch design.

Part Numbers:

- SF20 - Unbraided
- SF21 - Single Braided
- SF22 - Double Braided
- SF30 - 316SS Unbraided
- SF31 - 316SS Single Braided
- SF32 - 316SS Double Braided

Nominal I.D. (In)	Number of Braids	Nominal O.D. (In)	Maximum Pressure @ 70°F (PSIG) ¹			Centerline Bend Radius (In)		Weight Per Foot (Lbs)
			W.P.	Test ²	Nominal Burst	Dynamic ³	Static ⁴	
1/4	0	0.378	200	300	---	4.88	1.97	0.05
	1	0.457	2,500	4,761	10,000			0.15
	2	0.516	4,000	6,000	16,000			0.25
3/8	0	0.559	100	150	---	5.98	1.97	0.07
	1	0.638	1,530	2,295	6,120			0.18
	2	0.697	2,448	3,672	9,792			0.29
1/2	0	0.657	80	120	---	6.89	2.36	0.08
	1	0.736	1,200	1,800	4,800			0.20
	2	0.795	1,920	2,880	7,680			0.32
3/4	0	1.051	70	105	---	7.09	2.76	0.17
	1	1.130	850	1,275	3,400			0.36
	2	1.189	1,360	2,040	5,440			0.55
1	0	1.276	40	60	---	9.02	4.09	0.24
	1	1.354	590	885	2,360			0.47
	2	1.413	944	1,416	3,776			0.70
1-1/4	0	1.622	25	38	---	10.51	4.61	0.34
	1	1.705	540	810	2,160			0.65
	2	1.768	864	1,296	3,456			0.96
1-1/2	0	1.949	20	30	---	11.80	5.10	0.48
	1	2.031	475	712	1,900			0.89
	2	2.094	760	1,140	3,040			1.30
2	0	2.374	15	23	---	12.60	6.30	0.60
	1	2.472	530	795	2,120			1.21
	2	2.551	848	1,272	3,392			1.82
2-1/2	0	3.031	12	18	---	20.00	6.88	0.67
	1	3.110	410	615	1,640			1.43
	2	3.189	656	984	2,624			2.19
3	0	3.583	10	15	---	24.00	9.10	0.77
	1	3.661	335	502	1,340			1.60
	2	3.740	536	804	2,144			2.43
4	0	4.626	8	12	---	29.50	9.84	0.99
	1	4.705	240	360	960			2.11
	2	4.783	384	576	1,536			3.23
5	0	5.866	6	9	---	35.44	12.52	2.60
	1	5.969	192	288	768			3.85
	2	6.071	306	459	1,224			5.10
6	0	7.008	6	8	---	41.35	13.90	2.88
	1	7.110	165	248	660			4.58
	2	7.213	264	396	1,056			6.28
8 ⁵	0	9.09	6	9	---	40.00	20.00	5.56
	1	9.19	234	351	934			9.44
	2	9.28	374	561	1,495			13.36
10 ⁵	0	11.18	5	7.5	---	50.00	25.00	6.80
	1	11.32	230	345	918			12.90
	2	11.45	367	500.5	1,469			19.00
12 ⁵	0	13.23	3	4.5	---	60.00	30.00	9.02
	1	13.37	161	241.5	643			14.83
	2	13.50	257	385.5	1,029			20.64
14 ⁵	0	14.37	2.5	4	---	66.00	35.00	10.63
	1	14.62	150	225	600			17.03
	2	14.88	190	285	760			23.43

¹ Pressures listed **have** been reduced (20%) to account for welding as the method of attachment.

² Test Pressure: This indicates the industry standard recommendation for the highest pressure that the hose should be tested to either within an installation, or by the factory prior to shipping. Pressure tests prior to shipping are not standard and must be specified by the customer.

³ Dynamic Bend Radius: The minimum radius to which a hose can be repeatedly bent and render satisfactory flexure life.

⁴ Static Bend Radius: Minimum centerline bend radius to which flexible metal hose may be bent for installation.

⁵ Braided braid style.