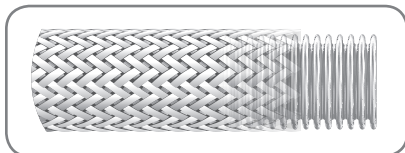


Superflex HD



Hose Material

316L & 321 stainless steel

Braid Material

304L stainless steel

Basic Construction:

Heavy-weight, mechanically formed annular hose. Close pitch design.

Part Numbers:

- SF30HD - 316SS Unbraided
- SF31HD - 316SS Single Braided
- SF32HD - 316SS Double Braided
- SF20HD - 321SS Unbraided
- SF21HD - 321SS Single Braided
- SF22HD - 321SS 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	
1/2	0	0.82	80	120	---	8.00	1.50	0.39
	1	0.92	2,194	3,921	8,777			0.63
	2	1.02	3,510	5,265	14,040			0.87
3/4	0	1.21	70	105	---	8.00	2.00	0.48
	1	1.31	1,311	1,967	5,244			0.79
	2	1.41	2,098	3,147	8,392			1.10
1	0	1.50	40	60	---	9.00	3.00	0.79
	1	1.60	1,069	1,604	4,276			1.20
	2	1.70	1,710	2,566	6,840			1.61
1-1/4	0	1.85	33	50	---	10.00	3.25	1.02
	1	1.97	1,110	1,666	4,443			1.66
	2	2.10	1,776	2,665	7,040			2.30
1-1/2	0	2.17	20	30	---	10.00	3.25	1.36
	1	2.30	868	1,302	3,472			2.11
	2	2.43	1,388	2,082	5,552			2.86
2	0	2.51	15	23	---	11.50	5.38	1.60
	1	2.64	810	1,215	3,240			2.56
	2	2.76	1,296	1,944	5,184			3.52
2-1/2	0	3.23	10	15	---	24.00	7.00	2.00
	1	3.36	578	867	2,312			3.12
	2	3.49	925	1,387	3,700			3.30
3	0	3.78	10	15	---	28.00	7.50	2.97
	1	3.91	540	810	2,160			4.42
	2	4.03	864	1,295	3,456			5.87
4	0	4.81	8	12	---	40.00	20.00	3.10
	1	4.93	333	500	1,332			4.55
	2	5.05	533	800	2,132			6.00
6	0	6.87	5	8	---	48.00	24.00	3.85
	1	7.10	266	398	1,062			6.45
	2	7.33	425	638	1,700			9.05

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.