



## STAINLESS STEEL ANNULAR HOSE SERIES HSS

### ISO 10380 Qualified

- Available in 304, 321, 316L stainless steel and other materials on request
- Pressure capability includes full vacuum to pressures shown below
- Temperature rating from cryogenic to 1500°F. Consult Temperature Correction Factors for concurrent high temperature/high pressure applications
- Meets or exceeds ISO 10380 at maximum working pressure
- Hose corrugation is a Standard Pitch Superflex design.

### Series HSS Hose — Annular, Stainless Steel, Superflex Standard Pitch Hose

Nominal Hose Size (in.)	Braid Layers <sup>a</sup>	Nominal Outside Diameter	Minimum Centerline Bend Radius (in.)		Pressure Ratings at 70°F (PSIG) <sup>b</sup>			Weight Per Foot (lb.)
			Static	Dynamic	Max. Working	Max. Test	Nominal Burst	
1/4c	0	0.46	4	6	140	210	—	0.09
	1	0.51			2375	3563	9500	0.18
	2	0.56			3125	4688	12500	0.27
3/8	0	0.61	2	4	100	150	—	0.12
	1	0.67			1650	2475	6600	0.23
	2	0.73			2200	3300	8800	0.35
1/2	0	0.76	3	5	75	113	—	0.16
	1	0.81			1100	1650	4400	0.26
	2	0.87			1625	2438	6500	0.37
3/4	0	1.05	4	6	50	75	—	0.26
	1	1.10			800	1200	3200	0.43
	2	1.16			1250	1875	5000	0.62
1	0	1.34	4.5	7	50	75	—	0.36
	1	1.42			750	1125	3000	0.62
	2	1.50			1000	1500	4000	0.91
1-1/4	0	1.64	4	11	25	37.5	—	0.45
	1	1.72			725	1088	2900	0.82
	2	1.80			1100	1650	4400	1.23
1-1/2	0	1.88	4.5	12	20	30	—	0.48
	1	1.95			565	850	2260	0.82
	2	2.02			887	1330	3550	1.23
2	0	2.48	5	13	16	24	—	0.70
	1	2.58			500	750	2000	1.38
	2	2.69			750	1050	3000	2.14
2-1/2	0	3.33	5	13	12	18	—	1.28
	1	3.45			400	600	1600	2.09
	2	3.57			600	900	2400	2.98
3	0	3.89	7.5	16	8	12	—	1.53
	1	4.01			288	431	1150	2.39
	2	4.13			431	647	1725	3.35
3-1/2	0	4.36	8	17	7.5	11	—	1.65
	1	4.45			285	428	1140	2.80
	2	4.53			400	600	1600	4.08
4	0	4.83	10	20	5	7.5	—	1.95
	1	5.03			250	375	1000	3.14
	2	5.23			375	563	1500	4.46

**a.** Standard braid constructions are shown without a type designation. The "BB" designation indicates braided braid.

**b.** SSB Hose, hose and corresponding braid must be used in combination to achieve pressure ratings.

**c.** 1/4" meets ISO 10380 cycle life requirements at ISO specified pressure.