

# STYLE SN DATA SHEET

**MATERIAL:**
**Hose:** 321 or 316 stainless steel

**Braid:** 300 series stainless steel

**CONSTRUCTION:**

Annular butt-welded, mechanically formed close pitch corrugated hose.

**Pressure applications:**

Full vacuum to working pressures listed below.

**USN** – UNBRAIDED HOSE

**SN** – SINGLE BRAIDED HOSE

**DSN** – DOUBLE BRAIDED HOSE

Nominal Diameter (Inches)	Actual ID (Inches)	Number of Braids	Nominal OD (Inches)	STATIC		DYNAMIC		Burst Pressure @ 70° F (PSIG)	Weight Per Foot (Pounds)
				Minimum Bend Radius (Inches)	Maximum Working Pressure @ 70° F (PSIG)	Minimum Bend Radius (Inches)	Maximum Working Pressure @ 70° F (PSIG)		
1/4"	.32	0	.46	4	140	6	140	9500	.9
		1	.51		2375		2375		.18
		2	.56		3125		3125		.27
3/8	.42	0	.61	2	100	4	100	6600	.12
		1	.67		1650		1650		.23
		2	.73		2200		2200		.35
1/2	.52	0	.76	3	75	5	75	4400	.16
		1	.81		1100		1100		.26
		2	.87		1625		1625		.37
3/4	.81	0	1.05	4	43	6	43	3200	.26
		1	1.10		898		898		.43
		2	1.16		1347		1347		.62
1	1.03	0	1.34	4.5	43	7	43	3000	.36
		1	1.42		718		718		.62
		2	1.50		1077		1077		.91
1-1/4	1.30	0	1.64	4	43	11	43	2900	.45
		1	1.72		645		645		.82
		2	1.80		968		968		.23
1-1/2	1.53	0	1.88	4.5	28	12	28	2260	.48
		1	1.95		531		531		.82
		2	2.02		797		797		1.23
2	2.50	0	2.48	5	14	13	14	2000	.70
		1	2.58		449		449		1.38
		2	2.69		674		674		2.14
2-1/2	2.61	0	3.33	5	12	16	18	1600	1.28
		1	3.45		400		400		2.09
		2	3.57		600		600		2.98
3	3.1	0	3.89	7.5	8	18	8	1150	1.53
		1	4.01		288		288		2.39
		2	4.13		431		431		3.35
4	3.98	0	4.83	10	5	22	5	1000	1.95
		1	5.03		250		250		3.14
		2	5.23		375		375		4.46

5	5.03	0	5.94	12	3.5	28	3.5	800	2.76
		1	6.10		200		200		4.08
		2	6.14		245		245		5.53
6	5.98	0	6.95	15	3	32	3	700	3.34
		1	7.15		175		175		4.79
		2	7.35		225		225		6.39
8	7.96	0	9.08	20	2.7	42	2.7	850	5.32
		1	9.44		212		212		8.73
		2	9.80		230		230		12.14
10	9.78	0	11.10	25	2.2	56	2.2	700	8.71
		1	11.49		175		175		12.65
		2	11.88		200		200		16.59
12	11.76	0	13.22	30	1.8	58	1.8	640	11.58
		1	13.51		160		160		17.53
		2	13.80		188		188		23.48