

# STYLE S8HP DATA SHEET

**MATERIAL:**

Hose: 316 Series stainless steel  
 Braid: 300 Series stainless steel

**CONSTRUCTION:**

Annular butt-weld, mechanically formed  
 Closed pitch corrugated hose

**Pressure applications:**

Full Vacuum to working pressure listed below

S8HP- SINGLE BRAIDED HOSE

DS8HP- DOUBLE BRAIDED HOSE

Nom I.D.	Braid Layer	Nom O.D.	Minimum Bend Radius (Inches) STATIC	Minimum Bend Radius (Inches) DYNAMIC	Maximum Working Pressure @ 70° F (PSIG)	Burst Pressure @ 70° F (PSIG)	Weight Per Foot (Pounds)
0.25	1	0.57	2.50	5.00	2,565	10,250	.017
	2	0.64	2.50	5.00	4,099	16,400	0.26
0.38	1	0.74	2.75	5.50	1,501	6,004	0.25
	2	0.81			2,401	9,604	0.36
0.50	1	0.92	4.00	8.00	2,194	8,777	0.63
	2	1.02			3,150	14,040	0.87
0.75	1	1.31	4.00	8.00	1,311	5,244	0.79
	2	1.41			2,098	8,392	1.10
1.00	1	1.60	4.50	9.00	1,069	4,276	1.20
	2	1.70			1,710	6,840	1.61
1.25	1	1.97	5.00	10.00	1,110	4,443	1.66
	2	2.10			1,776	7,040	2.30
1.50	1	2.30	5.00	10.00	868	3,472	2.11
	2	2.43			1,388	5,552	2.86
2.0	1	2.64	5.75	11.50	810	3,240	2.56
	2	2.76			1,296	5,184	3.52
2.50	1	3.36	12.00	24.00	578	2,312	3.12
	2	3.49			925	3,700	3.30
3.0	1	3.91	14.00	28.00	540	2,160	4.42
	2	4.03			864	3,456	5.87
4.0	1	4.93	20.00	40.00	333	1,332	4.55
	2	5.05			533	2,132	6.00
6.0	1	7.10	24.00	48.00	266	1,062	6.42
	2	7.33			425	1,700	9.05
8.0	1	9.19	32.00	63.00	234	934	10.00
	2	9.29	24.00	46.00	450	1,800	18.00
	3	9.39	24.00	46.00	550	2,200	22.00