

STYLE S14HP DATA SHEET

MATERIAL:

Hose: 316L SS (other alloys on request)

Braid: 300 SS (316L on request)

CONSTRUCTION:

Annular butt-weld, mechanically formed

Closed pitch corrugated hose

CHARACTERISTICS:

Heavy Weight / Medium Flexibility

S14HP- THREE BRAID

4S14HP- FOUR BRAID

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)
0050	3	1.20	7.00	14.00	4,000	16,000	1.10
0.75	3	1.65	7.50	15.00	5,000	20,000	2.00
1.00	3	1.92	8.00	16.00	4,200	16,800	2.70
1.50	3	2.55	12.00	24.00	2,750	11,000	4.15
2.00	3	3.07	20.00	40.00	2,180	8,720	5.00
3	3	4.22	32.00	84.00	1,250	5,000	8.70
4	4	5.27	52.00	112.00	1,250	5,000	10.48

S14HP and 4S14HP series Heavy-Wall Stainless Steel hose is designed for “Extreme Pressure” industrial applications. Heavy duty braid construction to sustain highest Working Pressure & provide maximum protection to inner core. Extra Heavy-Wall of the hose allows for longer service life in wide variety of corrosive environment s

NOTE: Use of flexible metal hose in high pressure applications should be undertaken only after thorough analysis, prototyping and approval by the end user.

** Minimum bend radius is based on theoretical calculation*