

1400 Series Stainless Steel Hose

1400 Series annular corrugated hose is designed for extreme pressure applications. Three and four layers of heavy-duty braid deliver the highest working pressures and provide maximum protection to the inner core. An extra heavy wall allows for longer service life in a wide variety of corrosive applications.

Nom. I.D. (in.)	Part Number	Braid Layers	Braid Construction	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) ^a		Bend Radius (in.)		Weight per Foot (Lb.)
					Working ^b	Nominal Burst	Dynamic	Static	
1/2"	1416-3HTSB-008	3	24 x 7 x .020	1.2	4,000	16,000	14.00	7.00	1.10
3/4"	1416-3HTSB-012	3	48 x 4 x .024	1.65	5,000	20,000	15.00	7.50	2.00
1"	1416-3HTSB-016	3	48 x 5 x .024	1.92	4,200	16,800	16.00	8.00	2.70
1-1/2"	1416-3HTSB-024	3	48 x 7 x .024	2.55	2,750	11,000	24.00	12.00	4.15
2"	1416-3HTSB-032	3	48 x 8 x .024	3.07	2,180	8,720	40.00	20.00	5.00
3"	1416-3SHB-048	3	72 x 9 x .025	4.22	1,250	5,000	84.00	32.00	8.70
4"	1416-4SHB-064	4	72 x 10 x .024	5.27	1,250	5,000	112.00	52.00	10.48

a. Pressures listed have been reduced to account for welding as the method of attachment. Other methods such as brazing, neck-down designs or crimping will result in different pressures. Contact the factory for details.

b. Test pressure is 1.5x the Maximum Allowable Working Pressure (MAWP) for single braid layer and 1.1x MAWP for multiple braid layers.

