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. (mm)	Part Number	Braid Layers	Braid Construction	Nom. O.D. (mm)	Maximum Pressure @ 21°C (BAR)[a] Working[b]	Nominal Burst	Bend Radius (mm) Dynamic	Static	Weight per Meter (Kg)
12	1416-3HTSB-008	3	24 x 7 x .508	30	275.79	1,103.16	355.60	177.80	1.64
20	1416-3HTSB-012	3	48 x 4 x .610	42	344.74	1,378.95	381.00	190.50	2.98
25	1416-3HTSB-016	3	48 x 5 x .610	49	289.58	1,158.32	406.40	203.20	4.02
40	1416-3HTSB-024	3	48 x 7 x .610	65	189.61	758.42	609.60	304.80	6.18
50	1416-3HTSB-032	3	48 x 8 x .610	78	150.31	601.22	1,016.00	508.00	7.44
80	1416-3SHB-048	3	72 x 9 x .635	107	86.18	344.74	2,133.60	812.80	12.95
100	1416-4SHB-064	4	72 x 10 x .610	134	86.18	344.74	2,844.80	1,320.80	15.60

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.