



## Stainless Steel Flexible Metal Hose

Stainless Steel Flexible Metal Hose and Hose Assemblies are the best solution to fluid flow for high and low temperature, and also used to compensate assemble's misalignment. Close pitch high pressure annular hose mechanically formed for high flexing or vibration application.

Braiding prevents longitudinal expansion of corrugated hose and thus increase the internal pressure strength of the hose many fold. Braiding is highly flexible and exactly follow the movement of the hose.

**Specification:** Conform to BS 6501 - Part 1

### Advantages

- Suitable for extremely high temperature range (-270 °C to 600 °C) or for cryogenic application up to -200 °C.
- Conveys any kind of liquid and gas.
- High physical strength.
- Excellent corrosion resistance.
- Resistant to abrasion, penetration and damage.



### Technical Features

Nominal Bore	Minimum Bend Radius		Without Braid		Single Braid		Double Braid		
	N.B.	STATIC	FLEXING	MAX. Working Pressure	TEST Pressure	MAX. Working Pressure	TEST Pressure	MAX. Working	TEST Pressure
mm	mm	mm	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>
6	25	100	4	6	100	150	160	240	
10	40	150	4	6	90	135	144	216	
12	50	200	3	4.5	80	120	128	192	
16	50	200	3	4.5	70	105	112	168	
20	70	200	2	3	64	96	102	153	
25	90	200	2	3	50	75	80	120	
32	110	250	1.5	2.3	40	60	64	96	
40	130	250	1.5	2.3	30	45	48	72	
50	175	350	1.0	1.5	28	42	44	66	
65	200	410	1.0	1.5	24	36	38	57	
80	205	450	1.0	1.5	18	27	28	42	
100	230	560	0.8	1.2	16	24	26	39	
125	280	660	0.6	0.9	12	18	20	30	
150	320	815	0.6	0.9	10	15	16	24	
200	435	1015	0.5	0.75	8	12	12	18	
250	635	1270	0.2	0.3	16.5	24.75	-	-	
300	762	1524	0.15	0.22	11	16.5	-	-	
350	889	1778	0.13	0.195	8	12	-	-	