

## Single Braided 316 Stainless Steel Standard Pitch Convoluted Metallic Hose



### Construction

#### Liner

Standard pitch corrugated annular tube made from 316 stainless steel

#### Reinforcement/Cover

Single layer of 316 stainless steel braid

### Standards & Specifications

Flexibility type 'B' to BS 6501 Part 1 (1991), ISO 10380

### Temperature Range

-200°C to +600 (Peaks at 815°C please consult us)

### Description

A medium pressure standard pitch metallic hose. Standard sizes range between 6mm to 200mm but are also available up to 450mm. Suitable for up to 8,000 flexing cycles.

### Applications

The general rule of thumb is to use a metallic hose when no other hose type will do. Applications with extreme conditions or variables such as temperature extremes, chemical compatibility, permeation concerns etc. are a few examples of where a metallic hose would perform well.

Typical applications of metallic hoses are; High Temperature Hydraulic Oils, Steam, Chemicals and Petroleum products, Corrosive liquids & Gases, Compressed Air & Pneumatic liners, Cryogenic applications, Food & Beverage production, Nuclear plants and Steam lines, Fluids associated with high temperature and pressure in paper plants, Tyre moulds and Textile Machinery, Oil Refineries and Toxic applications.

Size	ID (mm)	OD (mm)	Bend Radius (mm)		Min live length for vibration	WP (bar)	BP (bar)	Weight (kg/m)	Product Code
			Specification						
			Static	Flexing					
1/4"	6	10.7	25.0	85	80	120	480	0.15	T7011-006
3/8"	10	15.5	15.5	140	90	90	360	0.21	T7011-010
1/2"	12	18.0	45.0	140	110	80	320	0.24	T7011-012
5/8"	16	23.0	58.0	160	112	70	280	0.40	T7011-015
3/4"	19	28.3	70.0	170	115	64	256	0.49	T7011-020
1"	25	33.5	85.0	190	140	50	200	0.63	T7011-025
1 ¼"	32	42.8	105.0	260	152	40	160	0.85	T7011-032
1 ½"	40	51.2	130.0	300	160	35	140	1.17	T7011-040
2"	50	62.5	160.0	320	190	30	120	1.61	T7011-050
2 ½"	65	81.0	200.0	410	200	26	104	2.15	T7011-065
3"	80	97.5	205.0	450	280	18	72	2.47	T7011-080
4"	100	118.5	230.0	560	305	16	64	3.12	T7011-100
5"	125	146	280.0	660	330	16	64	4.94	T7011-125
6"	150	175.0	320.0	815	360	12	48	6.39	T7011-150
8"	200	228.0	435.0	1015	410	10	40	10.46	T7011-200
10"	250	292.0	560.0	1220	610	9.6	38.4	15.70	T7011-250