

## General

The SHH - High Pressure Hose series are spirally-welded corrugated all Stainless Steel metal hose.

The SHH hoses are specially designed to maintain extreme pressure and flexibility the spiral corrugation inner tube is self-draining and generates minimal in-line turbulence.

## Features

- Braided corrugated tube assembly.
- Core tube is made of 316L stainless steel, 321 stainless steel core tube is available.
- Braid is made of 304 stainless steel, 316 stainless steel braid is available
- Spiral double-walled welded corrugation
- Tube ID 1/4", 3/8", 1/2"
- Max. pressure 5800psi (400bar)
- Min. static bend radius for braided hose 1.1inch (28mm)
- Min. dynamic bend radius for braided hose 5.0inch (127mm)
- Full range of end connections

## SHH Series - High Pressure

Inside Diameter		Number of Braids	Outside Diameter		Static Minimum Bend Radius		Dynamic Minimum Bend Radius		Maximum Working Pressure		Burst Pressure		Weight Per Foot (lbs)	Weight Per Meter (kg)
(inch)	(mm)		(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)		
1/4	6.35	1	0.52	13.2	1.1	28	5.0	127	4600	317	18400	1269	0.21	0.31
		2	0.62	15.7					5800	400	23200	1600	0.32	0.48
3/8	9.53	1	0.70	17.8	1.4	36	5.5	140	3800	262	15200	1048	0.36	0.54
		2	0.82	20.8					4000	276	16000	1103	0.57	0.85
1/2	12.70	1	0.82	20.8	1.6	41	5.7	145	2600	179	10400	717	0.43	0.64
		2	0.94	23.9					3700	255	14800	1020	0.69	1.03



## Materials of Construction

Part	Material
Tube	SS 316L
Braid	SS 304
End Connections	SS 316L