

General

The SHV - Vacuum /Formable Hoses series are hand formable tubes that keep their formation. These hoses are designed to bend and stay in one position, providing a stress-free connection between piping systems. SHV hose can be compressed or stretched to fit into an exact space in the system.

Features

- Braided or unbraided corrugated tube assembly.
- Core tube is made of 321 stainless steel, 316L stainless steel core tube is available.
- Braid is made of 304 stainless steel
- Annular Hydroformed corrugation
- Tube ID 1/4", 3/8", 1/2"
- Max. pressure 900psi (62bar)
- Min. static bend radius for braided hose 1.0inch (25mm)
- Full range of end connections

SHV Series - Vacuum/Formable

Inside Diameter		Number of Braids	Outside Diameter		Static Minimum Bend Radius		Dynamic Minimum Bend Radius		Maximum Working Pressure		Burst Pressure		Weight Per Foot	Weight Per Meter
(inch)	(mm)		(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(lbs)	(kg)
1/4	6.35	0	0.41	10.4	1.0	25	n/a	n/a	90	6	n/a	n/a	0.04	0.06
		1	0.47	11.9					900	62	3600	248	0.11	0.16
3/8	9.53	0	0.65	16.5	1.2	30	n/a	n/a	70	5	n/a	n/a	0.10	0.15
		1	0.71	18.0					800	55	3200	221	0.17	0.25
1/2	12.70	0	0.77	19.6	1.5	38	n/a	n/a	70	5	n/a	n/a	0.11	0.16
		1	0.83	21.1					665	46	2660	183	0.19	0.28



Formable hoses

Materials of Construction

Part	Material
Tube	SS 321 / SS 316L
Braid	SS 304
End Connections	SS 316L