

Si-V Silicone Suction Hose

- Low Volatile Grade Platinum-Cured Silicone
- 4-Ply Polyester Braid, SS Wire Reinforced.
- Rated for Full Vacuum
- Hose Produced in a Certified Class 100 Clean Room

Benefits

- Suitable for pharmaceutical, biomedical, cosmetic and food applications
- 50 °F – 350 °F temperature range
- Rated for full vacuum to 300°F
- Sterilizable/Autoclavable
- 50A Shore Hardness
- Documented lot traceable
- Available in custom lengths (up to 24 feet) and color coding
- Factory Assembly and Packaging in a Class 10,000 Clean Room Available

Approvals

- USP Class VI
- USP MEM Elution <87> on all parts

Meets or Exceeds:

- FDA CFR 177.2600
- USDA and 3A Standards
- ISO 10993
- European Pharmacopoeia 3.1.9

Fittings

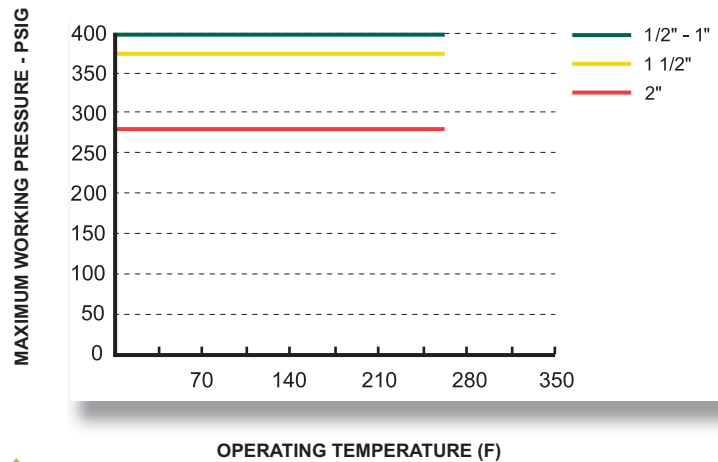


Fitting Material Availability

316L S.S.
Teflon® Encapsulated



Si-V HOSE PRESSURE RATINGS



NOTE: For assemblies, pressure ratings of fittings may be less than for the hose.

Nominal I.D.		Wall Thickness		Hose O.D.		Min. Bend Radius		Max. Working Pressure at 70°F (21°C)		Burst Pressure at 70°F (21°C)		Vacuum Rating at 300°F (149°C)		Approximate Weight	
Inch	MM	Inch	MM	Inch	MM	Inch	MM	PSIG	Bar	PSIG	Bar	Inches Hg	Bar (a)	LBS./FT.	KG/M
1/2	15	.180	4.6	0.890	22.6	2.00	50.8	400	27.6	1600	110.3	29.9	0	.30	.45
3/4	20	.200	5.1	1.19	30.3	2.50	63.5	400	27.6	1600	110.3	29.9	0	.39	.58
1	25	.200	5.1	1.39	35.3	3.50	88.9	400	27.6	1600	110.3	29.9	0	.43	.60
1-1/2	40	.200	5.1	1.89	48	4.00	101.6	375	25.8	1500	103.4	29.9	0	.72	1.07
2	50	.200	5.1	2.39	60.7	6.00	152.4	275	18.9	1100	75.8	29.9	0	1.08	1.61

NOTE: 1 1/4", 2 1/2", 3", and 4" sizes available - Consult factory