

## SILICONE HELIX SS HOSE

### Platinum Cured Silicone Hose Reinforced with SS 316L Helical Wire

Platinum cured Silicone hose reinforced with SS 316L Helical wire. It has better transparency to visualize low and kink resistance. It is designed for material transfer application under high vacuum in pharmaceutical industries. The product is more superior for high pressure & high vacuum rating applications. It is also used for antistatic application.



### APPLICATION

- Pharmaceutical processing
- Powder and fluid transfer
- High vacuum pump applications
- Food processing
- Load cell application
- Biotechnology
- Bulk transfer
- Biotechnology

### CERTIFICATION

- Conforms to US FDA 21 CFR 177.2600 Food Grade Standard
- Conforms to USP Class VI
- ROHS certified, free of restricted heavy metals
- TSE / BSE Certification (free of animal derived material)

### KEY FEATURES

- Having high burst pressure resistance compare to other hose
- Designed for high vacuum rating applications
- Having Antistatic properties to dissipate static electrical charge makes it suitable for highly volatile flammable fluid transfer
- Imparts no taste and odor
- Lot traceable
- Temp Range: 80 °C TO 210°C
- Available with SS316 L Tri-clover end
- Sterilizable by Autoclave, Ethylene oxide gas & gamma



Sr. No.	Size in MM (ID X OD)	Size in Inch (ID)	Max Working Pressure In (Bar) at 27°C	Min Burst Pressure In (Bar) at 27°C	Min Bend Radius in (MM)	Vacuum Hg 27°C in (MM)
1	6 x 13	1 / 4"	12.0	48.5	50	760
2	9 x 16	11 / 32"	11.5	48.5	60	760
3	12 x 20	1 / 2"	10.5	45.0	70	760
4	16 x 24	5 / 8"	10.0	35.0	80	760
5	19 x 27	3 / 4"	8.5	30.0	90	760
6	25 x 35	1"	8.5	30.0	125	760
7	32 x 42	1 1 / 4"	8.0	27.0	140	600
8	37 x 47	1 1 / 2"	7.5	25.0	170	600
9	50 x 62	2"	6.0	22.0	240	550
10	64 x 76	2 1 / 2"	4.0	20.0	C / P	500
11	75 X 87	3"	3.0	15.0	C / P	400
12	100 X 112	4"	2.0	10.0	C / P	400