

Vitalflex Hose - UHP-SILVER SNAKE

Vitalflex® Ultra High Pressure Gas Cylinder Hose



Part No.: SS1-A Tube and Single Braid / SS2-A Tube and Double Braid

Construction: Heavy- Weight Mechanically formed Annular Hose

Tube Available: 304 / 316 Stainless Steel

Braid Available: 304 / 316 Stainless Steel

Size Available: 1/4"

Max Temp: -276°C to 700°C

Low | Med | High

Flexibility ☐ ☐ ☒

Cycle Life ☐ ☐ ☒

Pressure Rating ☐ ☐ ☒

Chemical Resistance ☐ ☐ ☒

Wall Thickness ☐ ☐ ☒

Construction

ISO 10380:2012



Applicable Standards:

Corrugated Metal Hoses: ISO 10380

Welding Compliant: AS 4041- Class 1 (upon request)



Temperature Correction Factor ISO 10380 (316L)

-200	-150	-100	-50	0	20	50	100	150	200	250	300	350	400	450	500	550	600	650	700
1.0	1.0	1.0	1.0	1.0	1.0	0.93	0.83	0.72	0.66	0.62	0.59	0.56	0.55	0.53	0.51	0.50	0.50	0.19	0.1

Annular

Nominal Dia.		Outside Dia. (mm)		Weight (Kg/m)		Min. Bend Radius(mm)				Working Pressure (kPa)		Burst Pressure (kPa)	
mm	inch	SS1	SS2	SS1	SS2	Static SS1	Static SS1	Dynamic SS1	Dynamic SS1	SS1	SS2	SS1	SS2
6	1/4"	11.40	13.20	0.32	0.50	50	65	124	140	32000	40500	128000	162000

