

Stainless Steel Hose

VITALFLEX® - Extreme High Pressure



Part No.: SS3-EHP Tube and Triple Braid / SS4-EHP Tube and Quadruple Braid

Construction: Annular / Close Pitch / Heavy Wall

Tube Available: 316 Stainless Steel

Braid Available: 316 Stainless Steel

Size Available: 3" - 4"

Max Temp: -276°C to 700°C

Low | Med | High

Flexibility   

Cycle Life   

Pressure Rating   

Chemical Resistance   

Wall Thickness   

Construction



Applicable Standards:

Corrugated Metal Hoses: ISO 10380

AGA Approved: AS 4631 (upon request)

Watermark Approved: WMTS 520 (upon request)

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

Seismic Rated: AS 1170 (upon request)

Activfire Certified: AS 2118.1 (upon request)

Temperature Correction Factor

-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

Nominal Dia.		Braids	Outside Dia.	Weight	Min. Bend Radius (mm)		Working Pressure	Burst Pressure
mm	inch	No.	(mm)	(Kg/m)	Static	Dynamic	(kPa)	(kPa)
80	3"	3	107.2	12.95	812.8	2133.6	8618	34474
100	4"	4	133.9	15.60	1320.8	2444.8	8618	34474

Applications

