

Inconel Hose

VITALFLEX® - 625 Inconel



Part No.: SS0INCO-A Tube Only / SS1INCO-A Tube and Single Braid / SS2INCO-A Tube and Double Braid
Construction: Annular / Close Pitch
Tube Available: 625 Inconel
Braid Available: 625 Inconel
Size Available: 1/4" - 8"
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 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	SS0	SS1	SS2	SS0	SS1	SS2	Static	Dynamic	SS0	SS1	SS2	SS0	SS1	SS2
6	1/4"	12.19	14.48	16.26	0.13	0.25	0.39	25.40	127.00	1241	14589	21546	-	58357	86184
10	3/8"	16.00	17.78	20.57	0.19	0.40	0.61	31.75	139.70	689	10349	16554	-	41396	66217
12	1/2"	20.83	22.61	24.38	0.34	0.58	0.80	38.10	152.40	552	7412	11859	-	29654	47436
20	3/4"	30.73	32.51	34.29	0.58	0.92	1.28	57.15	203.20	483	5461	8736	-	21843	34950
25	1"	38.35	40.13	41.91	0.79	1.18	1.56	69.85	228.60	276	3937	6302	-	15755	25193
32	1 1/4"	46.99	49.02	51.31	1.13	1.59	2.04	88.90	266.70	172	3661	5861	-	14651	23428
40	1 1/2"	55.63	57.91	60.20	1.25	1.92	2.59	101.60	304.80	138	3254	5206	-	13010	20829
50	2"	66.04	69.09	72.14	1.34	2.40	3.44	127.00	381.00	103	3558	5695	-	14231	22766
65	2 1/2"	82.04	84.58	87.12	1.73	2.99	4.24	203.20	508.00	83	2668	4268	-	10673	17078
80	3"	96.01	98.55	101.09	1.80	3.21	4.64	228.60	558.80	69	2179	3489	-	8715	13941
100	4"	123.19	126.49	129.54	2.51	3.99	5.98	330.20	685.80	55	1600	2558	-	6391	10239
150	6"	174.50	180.34	186.18	5.16	7.57	9.99	482.60	914.40	34	1138	1820	-	4551	7281
200	8"	230.89	233.43	235.71	8.27	14.11	19.94	508.00	1,016.00	41	1613	2579	-	6440	10308

Part Number Key:

SSABC-D-E

A: Braid quality required 0 = no braid 1 = Single Braid 2 = Double Braid 3 = Triple Braid
B: Tube Material INCO = Tube INCO = Tube
C: Braid Material INCO = Braid INCO = Braid
D: Hose Type A = Annular, B = Braided Braid, O = Omega
E: Hose Size 06 = 1/4", 10 = 3/8", 12 = 1/2", 20 = 3/4", 25 = 1", 32 = 1-1/4", 40 = 1-1/2"

Example: SS1INCO-A-40 = 1-1/2" Single Braided Annular Hose, INCO Tube and Braid

Example: SS2INCO-A-50 = 2" Double Braided Annular Hose, INCO Tube and Braid