

Inconel® 625

Construction:

Inconel® 625 hose
 T321 braid (Inconel braid also available)
 Annular construction

Maximum Working Pressure:

Full vacuum up to 2660 psig depending
 on size and braid construction

Temperature:

Cryogenic to 1500°F with T321 braid
 Cryogenic to 1800°F with Inconel braid

INC00 Unbraided

INC01 Single Braid

Sizes:

1/4" through 4"

*** Contact factory for other grades**

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS STATIC BEND	MINIMUM BEND RADIUS DYNAMIC FLEXING	MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
1/4"	INC00	0.49	0.11	3.50	0.875	5.000	228	342	
	INC01	0.55	0.18	3.50	0.875	5.000	2660	3990	10640
3/8"	INC00	0.66	0.15	4.25	1.125	5.500	150	225	
	INC01	0.73	0.23	4.25	1.125	5.500	1610	2415	6440
1/2"	INC00	0.84	0.21	4.50	1.500	6.000	79	119	
	INC01	0.90	0.32	4.50	1.500	6.000	1310	1965	5240
3/4"	INC00	1.21	0.34	5.50	2.125	8.000	32	48	
	INC01	1.27	0.50	5.50	2.125	8.000	915	1373	3660
1"	INC00	1.53	0.59	6.50	2.750	9.000	38	57	
	INC01	1.59	0.78	6.50	2.750	9.000	645	968	2580
1 1/4"	INC00	1.86	0.78	7.00	3.250	10.500	22	33	
	INC01	1.92	1.02	7.00	3.250	10.500	545	818	2180
1 1/2"	INC00	2.19	0.93	7.50	3.750	12.000	26	39	
	INC01	2.27	1.27	7.50	3.750	12.000	560	840	2240
2"	INC00	2.72	1.23	7.75	5.000	15.000	14	21	
	INC01	2.80	1.68	7.75	5.000	15.000	460	675	1800
2 1/2"	INC00	3.11	1.08	11.00	7.000	16.000	7	10	
	INC01	3.23	1.87	11.00	7.000	16.000	545	815	2180
3"	INC00	3.57	1.07	9.00	8.250	17.000	5	7.5	
	INC01	3.69	1.93	9.00	8.250	17.000	440	660	1760
4"	INC00	4.72	2.57	10.75	11.000	27.000	4	6	
	INC01	4.84	3.53	10.75	11.000	27.000	270	405	1080

A625

Construction:

A625 hose
T321 braid (Inconel braid also available)
Annular construction

Maximum Working Pressure:

From Full Vacuum to 183 bar
depending on size and braid configuration

Sizes:

1/4" through 4"

*** Contact factory for other grades**

Temperature:

Cryogenic to 815°C with T321 braid
Cryogenic to 1039°C with Inconel braid

A625 Unbraided
A625-1 Single Braid

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
					STATIC BEND mm	DYNAMIC FLEXING mm			
1/4"	A625	12.4	0.16	89	22	127	15.7	23.6	-
	A625-1	14.0	0.27	89	22	127	183.4	275.1	733.6
3/8"	A625	16.8	0.22	108	29	140	10.3	15.5	-
	A625-1	18.5	0.34	108	29	140	111.0	166.5	444.0
1/2"	A625	21.3	0.31	114	38	152	5.4	8.2	-
	A625-1	22.9	0.48	114	38	152	90.3	135.5	361.3
3/4"	A625	30.7	0.51	140	54	203	2.2	3.3	-
	A625-1	32.3	0.74	140	54	203	63.1	94.7	252.3
1"	A625	38.9	0.88	165	70	229	2.6	3.9	-
	A625-1	40.4	1.16	165	70	229	44.5	66.7	177.9
1 1/4"	A625	47.2	1.16	178	83	267	1.5	2.3	-
	A625-1	48.8	1.52	178	83	267	37.6	56.4	150.3
1 1/2"	A625	55.6	1.38	191	95	305	1.8	2.7	-
	A625-1	57.7	1.89	191	95	305	38.6	57.9	154.4
2"	A625	69.1	1.83	197	127	381	1.0	1.4	-
	A625-1	71.1	2.50	197	127	381	31.7	46.5	124.1
2 1/2"	A625	79.0	1.61	279	178	406	0.5	0.7	-
	A625-1	82.0	2.78	279	178	406	37.6	56.2	150.3
3"	A625	90.7	1.59	229	210	432	0.3	0.6	-
	A625-1	93.7	2.87	229	210	432	30.3	45.5	121.3
4"	A625	119.9	3.82	273	279	686	0.3	0.4	-
	A625-1	122.9	5.25	273	279	686	18.6	27.9	74.5