

A400

Construction:

Monel® 400 hose and braid
Annular construction

Maximum Working Pressure:

From Full Vacuum to 209 bar
depending on size and braid configuration

Sizes:

¼" through 3"

Temperature:

From Cryogenic to 427°C

A400 – Unbraided

A400-1 – One Braid

A400-2 – Two 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"	A400	12.4	0.24	95	22	140	12.4	18.6	-
	A400-1	14.0	0.34	95	22	140	155.1	232.7	620.4
	A400-2	15.5	0.46	95	22	140	208.6	312.7	834.3
3/8"	A400	16.8	0.36	114	29	152	9.7	14.5	-
	A400-1	18.5	0.51	114	29	152	108.6	162.7	434.4
	A400-2	20.1	0.65	114	29	152	141.3	212.0	565.4
1/2"	A400	21.3	0.60	127	38	178	8.3	12.4	-
	A400-1	22.9	0.76	127	38	178	57.6	86.2	230.3
	A400-2	24.4	0.95	127	38	178	103.4	155.1	413.7
3/4"	A400	30.7	1.18	146	54	216	6.2	9.3	-
	A400-1	32.3	1.43	146	54	216	41.4	62.1	165.5
	A400-2	33.8	1.71	146	54	216	74.5	111.7	297.9
1"	A400	38.9	1.52	178	70	254	3.9	5.9	-
	A400-1	40.4	1.82	178	70	254	29.0	43.4	115.8
	A400-2	41.9	2.14	178	70	254	52.1	77.9	208.6
1 1/4"	A400	47.2	2.40	191	83	292	3.7	5.5	-
	A400-1	48.8	2.74	191	83	292	21.7	29.0	87.6
	A400-2	50.3	3.10	191	83	292	39.3	59.0	157.5
1 1/2"	A400	55.6	2.93	203	95	330	2.6	3.8	-
	A400-1	58.2	3.79	203	95	330	39.0	58.6	155.8
	A400-2	60.7	4.70	203	95	330	70.0	105.2	279.9
2"	A400	71.9	3.91	241	127	406	1.4	2.1	-
	A400-1	74.4	5.02	241	127	406	28.6	42.7	114.5
	A400-2	77.0	6.12	241	127	406	51.4	70.0	205.8
3"	A400	90.7	2.51	229	210	533	0.3	0.4	-
	A400-1	93.2	3.72	229	210	533	15.5	23.1	62.1
	A400-2	95.8	4.94	229	210	533	29.3	43.8	117.2