

## 400M Hose

**Construction:**

**T321** stainless steel hose

**Series T321** stainless steel braid

Annular construction

**Sizes:**

1/4" through 12"

**Maximum Working Pressure:**

Full vacuum up to 4500 psig depending on size and braid configuration

**Temperature:**

Cryogenic to 1500°F

**400M Unbraided  
401M One Braid  
402M Two Braid**

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
					STATIC BEND	DYNAMIC FLEXING			
1/4"	400M	0.49	0.14	3.75	0.875	5.500	200	300	—
	401M	0.55	0.21	3.75	0.875	5.500	2660	4000	10650
	402M	0.61	0.28	3.75	0.875	5.500	4500	6750	18000
3/8"	400M	0.66	0.18	4.25	1.125	5.500	100	150	—
	401M	0.73	0.25	4.25	1.125	5.500	1610	2415	6440
	402M	0.79	0.35	4.25	1.125	5.500	2435	3650	9750
1/2"	400M	0.84	0.27	4.50	1.500	6.000	80	120	—
	401M	0.90	0.38	4.50	1.500	6.000	1310	1965	5240
	402M	0.96	0.49	4.50	1.500	6.000	2355	3530	9420
3/4"	400M	1.21	0.51	5.50	2.125	8.000	70	105	—
	401M	1.27	0.67	5.50	2.125	8.000	915	1370	3660
	402M	1.33	0.84	5.50	2.125	8.000	1650	2475	6600
1"	400M	1.53	0.75	6.50	2.750	9.000	43	65	—
	401M	1.59	0.93	6.50	2.750	9.000	645	965	2580
	402M	1.65	1.13	6.50	2.750	9.000	1165	1745	4660
1 1/4"	400M	1.86	0.96	7.00	3.250	10.500	29	43	—
	401M	1.92	1.20	7.00	3.250	10.500	545	820	2180
	402M	1.98	1.45	7.00	3.250	10.500	980	1470	3920
1 1/2"	400M	2.19	1.47	7.50	3.750	12.000	31	47	—
	401M	2.27	1.85	7.50	3.750	12.000	560	840	2240
	402M	2.35	2.20	7.50	3.750	12.000	1000	1500	4000
2"	400M	2.83	1.97	9.00	5.000	15.000	17	26	—
	401M	2.91	2.44	9.00	5.000	15.000	450	675	1800
	402M	2.99	2.90	9.00	5.000	15.000	810	1215	3240
2 1/2"	400M	3.00	1.42	7.00	7.000	14.000	6.5	10	—
	401M	3.12	2.19	7.00	7.000	14.000	570	855	2280
	402M	3.24	2.96	7.00	7.000	14.000	750	1125	3000
3"	400M	3.57	1.82	8.00	8.250	17.000	4.5	6.8	—
	401M	3.69	2.70	8.00	8.250	17.000	450	675	1800
	402M	3.81	3.58	8.00	8.250	17.000	560	840	2240
3 1/2"	400M	4.14	1.57	9.00	9.500	19.000	3	5	—
	401M	4.26	2.43	9.00	9.500	19.000	265	398	1060
	402M	4.38	3.29	9.00	9.500	19.000	265	398	1060
4"	400M	4.72	2.38	10.00	11.000	22.000	2	3	—
	401M	4.84	3.34	10.00	11.000	22.000	285	425	1140
	402M	4.96	4.30	10.00	11.000	22.000	375	563	1500
5"	400M	5.93	3.20	17.50	11.000	28.000	2.8	4.3	—
	401M	6.03	4.50	17.50	11.000	28.000	265	400	1060
	402M	6.13	5.80	17.50	11.000	28.000	265	400	1060
6"	400M	7.00	4.46	17.00	16.500	33.000	3.5	5.3	—
	401M	7.19	6.20	17.00	16.500	33.000	240	360	960
	402M	7.38	7.94	17.00	16.500	33.000	285	428	1140
8"	400M	9.06	5.85	19.00	21.500	43.000	2.7	4.1	—
	401M	9.31	9.39	19.00	21.500	43.000	217	326	868
	402M	9.56	12.93	19.00	21.500	43.000	270	405	1080
10"	400M	11.19	9.17	21.00	27.000	54.000	2.2	3.3	—
	401M	11.44	13.54	21.00	27.000	54.000	210	315	840
	402M	11.69	17.91	21.00	27.000	54.000	375	563	1500
12"	400M	13.25	10.93	23.00	32.000	64.000	1.8	2.8	—
	401M	13.50	16.94	23.00	32.000	64.000	200	300	800
	402M	13.75	22.95	23.00	32.000	64.000	360	540	1440