

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 STATIC BEND	MINIMUM BEND RADIUS DYNAMIC FLEXING	MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
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

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 depending on size and braid
 configuration

Temperature:

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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"	400H	0.49	0.14	3.75	0.875	5.500	265	400	—
	401H	0.55	0.21	3.75	0.875	5.500	2660	4000	10650
	402H	0.61	0.28	3.75	0.875	5.500	4500	6750	18000
3/8"	400H	0.66	0.21	4.50	1.125	6.000	133	200	—
	401H	0.73	0.29	4.50	1.125	6.000	1610	2415	6440
	402H	0.79	0.38	4.50	1.125	6.000	2900	4325	11600
1/2"	400H	0.84	0.36	5.00	1.500	7.000	133	200	—
	401H	0.90	0.47	5.00	1.500	7.000	1310	1965	5240
	402H	0.96	0.58	5.00	1.500	7.000	2355	3530	9420
3/4"	400H	1.21	0.71	5.75	2.125	8.500	100	150	—
	401H	1.27	0.87	5.75	2.125	8.500	915	1370	3660
	402H	1.33	1.04	5.75	2.125	8.500	1650	2475	6600
1"	400H	1.53	0.92	7.00	2.750	10.000	63	95	—
	401H	1.59	1.11	7.00	2.750	10.000	645	965	2580
	402H	1.65	1.30	7.00	2.750	10.000	1165	1745	4660
1 1/4"	400H	1.86	1.45	7.50	3.250	11.500	60	90	—
	401H	1.92	1.69	7.50	3.250	11.500	545	820	2180
	402H	1.98	1.94	7.50	3.250	11.500	980	1470	3920
1 1/2"	400H	2.19	1.78	8.00	3.750	13.000	43	65	—
	401H	2.27	2.10	8.00	3.750	13.000	560	840	2240
	402H	2.35	2.50	8.00	3.750	13.000	1000	1500	4000
2"	400H	2.83	2.38	9.50	5.000	16.000	23	34	—
	401H	2.91	2.84	9.50	5.000	16.000	450	675	1800
	402H	2.99	3.38	9.50	5.000	16.000	810	1215	3240
2 1/2"	400H	3.00	2.06	7.75	7.000	17.000	14	20	—
	401H	3.12	2.83	7.75	7.000	17.000	570	855	2280
	402H	3.24	3.74	7.75	7.000	17.000	1030	1545	4120
3"	400H	3.57	2.44	9.00	8.250	21.000	9	14	—
	401H	3.69	3.32	9.00	8.250	21.000	450	675	1800
	402H	3.81	4.30	9.00	8.250	21.000	820	1230	3280
3 1/2"	400H	4.14	2.95	10.00	9.500	25.000	7	10	—
	401H	4.26	3.81	10.00	9.500	25.000	340	510	1360
	402H	4.38	4.67	10.00	9.500	25.000	600	900	2400
4"	400H	4.72	3.20	10.75	11.000	27.000	4	6	—
	401H	4.84	4.16	10.75	11.000	27.000	285	425	1140
	402H	4.96	5.24	10.75	11.000	27.000	515	770	2060
5"	400H	5.93	3.20	17.50	11.000	28.000	4	6	—
	401H	6.03	4.50	17.50	11.000	28.000	350	525	1400
	402H	6.13	5.80	17.50	11.000	28.000	385	578	1540
6"	400H	7.00	5.58	19.00	16.500	41.000	6.5	9	—
	401H	7.19	7.32	19.00	16.500	41.000	240	360	960
	402H	7.38	9.06	19.00	16.500	41.000	430	645	1720
8"	400H	9.06	7.37	21.00	21.500	54.000	5	7.5	—
	401H	9.31	10.91	21.00	21.500	54.000	275	410	1100
	402H	9.56	14.45	21.00	21.500	54.000	350	525	1400
10"	400H	11.19	8.29	27.00	34.000	68.000	2.2	3.3	—
	401H	11.44	12.66	27.00	34.000	68.000	250	375	1000
	402H	11.69	17.03	27.00	34.000	68.000	375	563	1500
12"	400H	13.25	9.94	31.00	42.000	83.000	1.8	2.8	—
	401H	13.45	16.48	31.00	42.000	83.000	180	270	720
	402H	13.65	23.02	31.00	42.000	83.000	320	480	1280