

**400H Hose**

**Construction:**

**T316L** stainless steel hose  
**Series T321** stainless steel braid  
 Annular construction

**Maximum Working Pressure:**

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

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

**Sizes:**

1/4" through 12"

**Temperature:**

Cryogenic to 1500°F

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