

## 460 and 860 Series

**Construction:**

**460/T321** stainless steel hose

**860/T316L** stainless steel hose

Series 300 stainless steel braid

Helical construction

Also available 1/4"-1 1/2" direct braided

**Maximum Working Pressure:**

Full vacuum up to 2240 psig depending on size and braid construction

**Temperature:**

Cryogenic to 1250°F.

**Sizes:**

1/4" through 1 1/2"

**461 One Braid**

**462 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"	460	0.42	0.06	3.50	0.625	3.500	75	110	—
	461	0.48	0.13	3.50	0.625	3.500	2240	3360	8960
3/8"	460	0.57	0.09	4.00	0.875	4.000	50	75	—
	461	0.63	0.17	4.00	0.875	4.000	1450	2175	5800
	462	0.69	0.25	4.00	0.875	4.000	2430	3645	9720
1/2"	460	0.75	0.12	4.50	1.125	5.500	50	75	—
	461	0.81	0.21	4.50	1.125	5.500	1040	1560	4160
	462	0.87	0.30	4.50	1.125	5.500	1665	2498	6660
3/4"	460	1.04	0.18	5.50	1.500	6.000	30	45	—
	461	1.10	0.30	5.50	1.500	6.000	600	900	2400
	462	1.16	0.33	5.50	1.500	6.000	1080	1620	4320
1	460	1.36	0.28	6.25	2.000	7.000	25	37	—
	461	1.42	0.45	6.25	2.000	7.000	580	870	2320
	462	1.48	0.62	6.25	2.000	7.000	1035	1550	4140
1 1/4"	460	1.68	0.46	7.00	2.500	11.500	20	30	—
	461	1.74	0.66	7.00	2.500	11.500	450	675	1800
	462	1.80	0.86	7.00	2.500	11.500	820	1230	3275
1 1/2"	460	2.02	0.59	7.75	3.000	14.000	15	23	—
	461	2.09	0.83	7.75	3.000	14.000	410	615	1640
	462	2.16	1.07	7.75	3.000	14.000	650	975	260