

## Pipe and Tubing Sizing

### PROPANE PIPE AND TUBING SIZING BETWEEN SINGLE OR SECOND STAGE LOW PRESSURE REGULATORS AND APPLIANCES

Pipe or Tubing Length, Feet	Copper Tubing Size, Outside Diameter (Inside Diameter), Type L					Pipe or Tubing Length, Feet	Nominal Pipe Size, Outside Diameter (Inside Diameter), Schedule 40					
	3/8 (0.315)	1/2 (0.430)	5/8 (0.545)	3/4 (0.666)	7/8 (0.785)		1/2 (0.622)	3/4 (0.824)	1 (1.049)	1-1/4 (1.380)	1-1/2 (1.610)	2 (2.067)
10	49	110	206	348	536	10	291	608	1146	2353	3525	6789
20	34	76	151	239	368	20	200	418	788	1617	2423	4666
30	27	61	114	192	296	30	161	336	632	1299	1946	3747
40	23	52	97	164	253	40	137	282	541	1111	1665	3207
50	20	46	86	146	224	50	122	557	480	985	1476	2842
60	19	42	78	132	203	60	110	231	435	892	1337	2575
70	17	39	72	121	187	80	94	198	372	764	1144	2204
80	16	36	67	113	174	100	84	175	330	677	1014	1954
90	15	34	63	106	163	125	74	155	292	600	899	1731
100	14	32	59	100	154	150	67	141	265	544	815	1569
150	11	26	48	80								

To convert to capacities in cubic feet per hour, divide by 2.5

Note: Maximum undiluted propane capacities listed are based on 11-inches w.c. setting and a 0.5-inch w.c. pressure drop - Capacities in 1,000 BTU per hour