

Table 12-13 Semi-Rigid Copper Tubing [NFPA 54: Table 6.2(h)]

						Gas:		Natural		
						Inlet Pressure:		Less than 0.138bar		
						Pressure Drop:		25mm w.c.		
						Specific Gravity:		0.6		
INTENDED USE: Tube Sizing Between House Line Regulator and the Appliance.										
		Tube Size (mm)								
DN:	K&L:	8	10	15	18	20	25	32	40	50
	ACR:	9.5	15	18	20	22	28	35	----	----
Length (m)		Capacity in m³/h								
3		1.1	2.3	4.6	8.0	11.4	24.3	43.9	69.1	143.8
6		0.8	1.6	3.1	5.5	7.8	16.7	30.0	47.6	98.8
9		0.6	1.2	2.5	4.4	6.3	13.4	24.1	38.2	79.3
12		0.5	1.1	2.2	3.8	5.4	11.5	20.7	32.6	67.9
15		0.5	0.9	1.9	3.4	4.8	10.2	18.3	28.9	60.3
18		0.4	0.8	1.7	3.0	4.3	9.2	16.6	26.2	54.6
21		0.4	0.8	1.6	2.8	4.0	8.5	15.3	24.1	50.1
24		0.4	0.7	1.5	2.6	3.7	7.9	14.2	22.4	46.7
27		0.3	0.7	1.4	2.4	3.5	7.4	13.3	21.0	43.9
30		0.3	0.7	1.3	2.3	3.3	7.0	12.6	19.8	41.3
38		NA	0.6	1.2	2.0	2.9	6.2	11.2	17.6	36.5
45		NA	0.5	1.0	1.8	2.6	5.6	10.1	15.9	33.1
53		NA	0.5	1.0	1.7	2.4	5.2	9.3	14.7	30.6
60		NA	0.5	0.9	1.6	2.2	4.8	8.7	13.6	28.3
75		NA	0.4	0.8	1.4	2.0	4.3	7.7	12.1	25.2
90		NA	0.4	0.7	1.3	1.8	3.9	6.9	11.0	22.8
105		NA	0.3	0.7	1.2	1.7	3.5	6.4	10.1	21.0
120		NA	0.3	0.6	1.1	1.6	3.3	5.9	9.4	19.5
135		NA	0.3	0.6	1.0	1.4	3.1	5.6	8.8	18.3
150		NA	NA	0.6	1.0	1.4	2.9	5.3	8.3	17.3
165		NA	NA	0.5	0.9	1.3	2.8	5.0	7.9	16.4
180		NA	NA	0.5	0.9	1.2	2.7	4.8	7.5	15.7
195		NA	NA	0.5	0.8	1.2	2.5	4.6	7.2	15.0
210		NA	NA	0.5	0.8	1.1	2.4	4.4	6.9	14.4
225		NA	NA	0.5	0.8	1.1	2.3	4.2	6.7	13.9
240		NA	NA	0.4	0.7	1.1	2.3	4.1	6.5	13.4
255		NA	NA	0.4	0.7	1.0	2.2	4.0	6.2	13.0
270		NA	NA	0.4	0.7	1.0	2.1	3.8	6.1	12.6
285		NA	NA	0.4	0.7	1.0	2.1	3.7	5.9	12.2
300		NA	NA	0.4	0.7	0.9	2.0	3.6	5.7	11.9
330		NA	NA	0.4	0.6	0.9	1.9	3.5	5.4	11.3
360		NA	NA	0.3	0.6	0.8	1.8	3.3	5.2	10.8
390		NA	NA	0.3	0.6	0.8	1.8	3.1	5.0	10.3
420		NA	NA	0.3	0.6	0.8	1.7	3.0	4.8	9.9
450		NA	NA	0.3	0.5	0.8	1.6	2.9	4.6	9.6
480		NA	NA	0.3	0.5	0.7	1.6	2.8	4.4	9.2
510		NA	NA	0.3	0.5	0.7	1.5	2.7	4.3	8.9
540		NA	NA	NA	0.5	0.7	1.5	2.6	4.2	8.7
570		NA	NA	NA	0.5	0.7	1.4	2.5	4.0	8.4
600		NA	NA	NA	0.5	0.7	1.4	2.5	3.9	8.2

NA means a flow of less than 0.3m³/h**Note:** All table entries are rounded to 3 significant digits.

*Table capacities are based on Type K copper tubing inside diameter (shown), which has the smallest inside diameter of the copper tubing products.

SI: 1m = 3.3 ft.; 1mm = 0.04 in.; 1m³ = 33.3 ft.³; 1bar = 14.5 psi