

**TABLE 12-31 Schedule 40 Metallic Pipe [NFPA 54: Table 6.3(d)]**

						Gas:		Undiluted Propane	
						Inlet Pressure:		279mm w.c.	
						Pressure Drop:		12.7mm w.c.	
						Specific Gravity:		1.50	
INTENDED USE: Pipe Sizing Between Single or Second Stage (Low Pressure Regulator) and Appliance									
	Pipe Size (mm)								
DN:	15	20	25	32	40	50	65	80	100
Length (m)	Capacity in kW								
3	85	178	337	689	1,031	1,989	3,164	5,596	11,427
6	59	122	231	475	709	1,365	2,177	3,838	7,852
9	47	98	185	381	568	1,099	1,749	3,106	6,300
12	40	84	159	325	486	941	1,497	2,646	5,391
15	36	75	141	289	434	832	1,327	2,344	4,776
18	32	68	127	261	393	753	1,201	2,124	4,336
24	30	62	117	241	360	694	1,105	1,954	3,985
30	28	58	109	224	334	645	1,028	1,820	3,721
37.5	26	54	102	210	314	607	964	1,705	3,487
45	25	51	97	198	296	571	911	1,612	3,282
52.5	22	45	86	176	263	507	809	1,430	2,915
60	20	41	78	159	239	460	733	1,295	2,640
75	18	38	71	147	219	422	674	1,190	2,429
90	17	35	67	136	204	393	627	1,108	2,259
105	15	31	59	121	181	349	557	982	2,004
120	13	28	53	109	164	316	504	891	1,814
135	12	26	49	101	151	290	463	817	1,670
150	12	24	46	94	140	270	431	762	1,553
165	11	23	43	88	132	253	404	715	1,456
180	10	21	40	83	124	239	381	674	1,377
195	10	21	38	79	118	227	363	642	1,307
210	9	19	37	75	113	217	346	612	1,248
225	9	19	35	72	108	208	331	586	1,195
240	8	18	34	69	104	200	319	563	1,149
255	8	17	33	67	100	192	308	542	1,105
270	8	17	31	64	96	186	296	524	1,067
285	8	16	30	62	93	180	287	507	1,034
300	7	16	29	60	91	174	278	492	1,002
330	7	15	28	59	88	169	270	478	973
360	7	15	28	57	86	165	262	463	946
390	7	14	26	54	81	156	249	440	900
420	6	13	25	52	77	149	238	419	858
450	6	13	24	50	74	143	228	401	820
480	6	12	23	47	71	137	219	387	788
510	6	12	22	46	69	117	211	372	612
540	6	11	22	44	66	128	203	360	586
570	5	11	21	43	64	124	197	349	709
600	5	11	20	42	62	120	176	322	674

**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.; 1m<sup>3</sup> = 33.3 ft.<sup>3</sup>; 1bar = 14.5 psi