

# Gas Sizing Tables

## LPG

Pressure Drop 0.25kPa (Pressure Supply 2.75kPa)				
Straight Pipe Length (m)	Nominal Size (mm)			
	16	20	26	32
2	258	408	979	1882
4	173	280	655	1273
6	137	219	520	1005
8	118	185	448	855
10	103	163	389	747
12	93	148	350	673
14	84	135	322	617
16	78	125	303	573
18	74	117	278	539
20	69	110	263	505
25	61	97	229	445
30	55	87	209	402
35	50	80	190	365
40	46	74	179	338
45	44	69	164	317
50	41	65	155	298
55	38	61	146	283
60	37	58	141	269
70	-	54	128	246
80	-	48	119	226
90	-	46	111	212
100	-	44	105	201
120	-	40	95	181
140	-	36	85	166
160	-	34	80	145
<b>Correction + mt for fitting</b>	1.7	1.5	0.8	0.7

Pressure Drop 10kPa (Pressure Supply 70kPa)				
Straight Pipe Length (m)	Nominal Size (mm)			
	16	20	26	32
2	2255	3617	8538	16495
4	1525	2421	5774	11042
6	1211	1932	4584	8766
8	1021	1637	3923	7578
10	909	1444	3409	6586
12	810	1294	3099	5927
14	752	1182	2817	5443
16	683	1096	2626	5048
18	646	1037	2436	4705
20	609	966	2305	4409
25	542	848	2013	3889
30	483	764	1830	3500
35	444	700	1661	3246
40	411	659	1541	3019
45	381	605	1465	2801
50	357	573	1359	2664
55	343	539	1286	2495
60	325	515	1223	2397
70	300	511	1135	2197
80	275	441	1042	1998
90	259	409	981	1872
100	241	383	919	1773
120	216	346	828	1596
140	201	318	752	1451
160	184	298	698	1345
<b>Correction + mt for fitting</b>	-	-	-	-



# Gas Sizing Tables

## Natural Gas

Pressure Drop 0.075kPa (Meter Pressure 1.1kPa)

Straight Pipe Length (m)	Nominal Size (mm)			
	16	20	26	32
2	81	130	309	593
4	55	86	207	405
6	44	69	165	323
8	36	59	141	271
10	33	52	123	235
12	29	47	110	214
14	26	42	101	195
16	25	39	94	181
18	23	37	88	170
20	–	35	83	159
25	–	31	74	142
30	–	27	66	126
35	–	25	60	115
40	–	23	55	107
45	–	21	52	99
50	–	20	49	95
55	–	19	46	90
60	–	18	44	85
65	–	–	42	81
70	–	–	40	77
75	–	–	38	75
80	–	–	37	72
85	–	–	36	69
90	–	–	35	67
95	–	–	34	65
100	–	–	33	63
120	–	–	–	61
140	–	–	–	53
160	–	–	–	48
180	–	–	–	45
200	–	–	–	43
250	–	–	–	38
300	–	–	–	34
<b>Correction + mt for fitting</b>	1.2	1.1	0.6	0.5

Pressure Drop 0.75kPa (Meter Pressure 2.75kPa)

Straight Pipe Length (m)	Nominal Size (mm)			
	16	20	26	32
2	313	495	1176	2284
4	208	340	789	1547
6	166	264	622	1180
8	143	221	532	1048
10	122	197	467	893
12	109	177	421	828
14	102	161	386	737
16	93	153	358	685
18	89	140	334	657
20	83	133	313	610
25	74	117	281	537
30	65	105	248	479
35	60	95	224	440
40	56	89	215	408
45	52	84	197	384
50	49	77	186	360
55	46	75	175	337
60	45	70	169	326
65	43	67	161	308
70	40	65	154	296
75	38	61	147	284
80	36	59	142	272
85	35	57	136	263
90	–	55	133	255
95	–	55	128	246
100	–	53	125	243
120	–	47	112	217
140	–	43	104	198
160	–	40	95	184
180	–	37	89	172
200	–	35	84	162
250	–	31	74	142
300	–	27	67	128
<b>Correction + mt for fitting</b>	1.7	1.5	0.8	0.7

## Gas Sizing Tables

### Natural Gas

#### Pressure Drop 1.5kPa (Meter Pressure 5-10kPa)

Straight Pipe Length (m)	Nominal Size (mm)			
	16	20	26	32
2	476	757	1801	3485
4	322	517	1218	2333
6	255	406	976	1852
8	215	346	815	1577
10	192	302	719	1391
12	171	272	647	1252
14	157	250	594	1149
16	145	232	551	1072
18	136	219	514	996
20	127	204	486	934
25	113	179	429	824
30	101	161	390	741
35	93	150	351	681
40	86	136	325	631
45	80	129	306	585
50	76	123	287	556
55	71	114	273	522
60	68	108	258	501
<b>Correction + mt for fitting</b>	1.7	1.5	0.8	0.7