

**NATURAL GAS PIPE SIZE CHART**  
**International Fuel Gas Code 2019 - Polyethylene Pipe - PE**  
**Residential / Inlet - Less Than 2 PSI / Pressure Drop - .3 / Specific Gravity .60**

LENGTH FEET	GAS PIPE SIZE					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
10	153	305	551	955	1440	2590
20	105	210	379	656	991	1780
30	84	169	304	527	796	1430
40	72	144	260	451	681	1220
50	64	128	231	400	604	1080
60	58	116	209	362	547	983
70	53	107	192	333	503	904
80	50	99	179	310	468	841
90	46	93	168	291	439	789
100	44	88	159	275	415	745
125	39	78	141	243	368	661
150	35	71	127	221	333	598
175	32	65	117	203	306	551
200	30	60	109	189	285	512
250	27	54	97	167	253	454
300	24	48	88	152	229	411
350	22	45	81	139	211	378
400	21	42	75	130	196	352
450	19	39	70	122	184	330
500	18	37	66	115	174	312

**AVAILABLE BTU'S PER HOUR**

**NATURAL GAS PIPE SIZE CHART**  
**International Fuel Gas Code 2019 - Metallic Pipe**  
**Residential / Inlet - Less Than 2 PSI / Pressure Drop - .5 / Specific Gravity .60**

LENGTH FEET	GAS PIPE SIZE					
	½"	¾"	1"	1-¼"	1-½"	2"
10	172	360	678	1390	2090	4020
20	118	247	466	957	1430	2760
30	95	199	374	768	1150	2220
40	81	170	320	657	985	1900
50	72	151	284	583	873	1680
60	65	137	257	528	791	1520
70	60	126	237	486	728	1400
80	56	117	220	452	677	1300
90	52	110	207	424	635	1220
100	50	104	195	400	600	1160
125	44	92	173	355	532	1020
150	40	83	157	322	482	928
175	37	77	144	296	443	854
200	34	71	134	275	412	794
250	30	63	119	244	366	704
300	27	57	108	221	331	638
350	25	53	99	203	305	587
400	23	49	92	189	283	546
450	22	46	86	177	266	512
500	21	43	82	168	251	484
<b>AVAILABLE BTU'S PER HOUR</b>						