Maximum Capacity of Cubic Feet of Natural Gas per Hour of Internal Pipe Size

Specific Gravity of 0.60

1 Cubic Foot = 1000 BTU

Gas - Natural Inlet Pressure - 2.0 psi Pressure Drop - 1.0 psi

	PIPE	ACTUAL	LENGTH IN FEET												
Pipe Size	DESIGNATION	PIPE ID	10	20	30	40	50	60	70	80	90	100	125	150	175
			MAXIMUM CAPACITY in CUBIC FEET of GAS per HOUR												
1/2	SDR 9.33	0.660"	1858	1277	1026	878	778	705	649	603	566	535	474	429	395
3/4	SDR 11	0.860"	3721	2557	2054	1758	1558	1412	1299	1208	1134	1071	949	860	791
1	SDR 11	1.077"	6714	4614	3706	3172	2811	2547	2343	2180	2045	1932	1712	1551	1427
1-1/4	SDR 10	1.328"	11631	7994	6420	5494	4869	4412	4059	3776	3543	3347	2966	2688	2473
1-1/2	SDR 11	1.554"	17565	12072	9695	8297	7354	6663	6130	5703	5351	5054	4479	4059	3734
2	SDR 11	1.943"	31560	21691	17419	14908	13213	11972	11014	10246	9614	9081	8048	7292	6709

Gas - Natural Inlet Pressure - 1.0 psi Pressure Drop - 0.5 WC

	PIPE	ACTUAL	LENGTH IN FEET												
Pipe Size	DESIGNATION	PIPE ID	10	20	30	40	50	60	70	80	90	100	125	150	175
			MAXIMUM CAPACITY in CUBIC FEET of GAS per HOUR												
1/2	SDR 9.33	0.660"	201	138	111	95	84	76	70	65	61	58	51	46	43
3/4	SDR 11	0.860"	403	277	222	190	169	153	140	131	123	116	103	93	86
1	SDR 11	1.077"	726	499	401	343	304	276	254	236	221	209	185	168	154
1-1/4	SDR 10	1.328"	1258	865	695	594	527	477	439	409	383	362	321	291	268
1-1/2	SDR 11	1.554"	1900	1306	1049	898	796	721	663	617	579	547	485	439	404
2	SDR 11	1.943"	3415	2347	1885	1613	1430	1295	1192	1109	1040	983	871	789	726

Gas - Natural Inlet Pressure - 1.0 psi Pressure Drop - 0.3 WC

	PIPE	ACTUAL	LENGTH IN FEET												
Pipe Size	DESIGNATION	PIPE ID	10	20	30	40	50	60	70	80	90	100	125	150	175
			MAXIMUM CAPACITY in CUBIC FEET of GAS per HOUR												
1/2	SDR 9.33	0.660"	153	105	84	72	64	58	53	50	46	44	39	35	32
3/4	SDR 11	0.860"	305	210	169	144	128	116	107	99	93	88	78	71	65
1	SDR 11	1.077"	551	379	304	260	231	209	192	179	168	159	141	127	117
1-1/4	SDR 10	1.328"	955	656	527	451	400	362	333	310	291	275	243	221	203
1-1/2	SDR 11	1.554"	1442	991	796	681	681	547	468	468	439	415	368	333	306
2	SDR 11	1.943"	2590	1780	1430	1224	1224	983	841	841	789	745	661	598	551

Maximum Capacity of Cubic Feet of Undiluted Propane Gas per Hour of Internal Pipe Size

Specific Gravity of 1.50

1 Cubic Foot = 1000 BTU

Gas - Undiluted Propane Inlet Pressure - 2.0 psi Pressure Drop - 1.0 psi

	PIPE	ACTUAL	LENGTH IN FEET												
Pipe Size	DESIGNATION	PIPE ID	10	20	30	40	50	60	70	80	90	100	125	150	175
			MAXIMUM CAPACITY in CUBIC FEET of GAS per HOUR												
1/2	SDR 9.33	0.660"	3126	2148	1725	1477	1309	1186	1091	1015	952	797	797	722	664
3/4	SDR 11	0.860"	6259	4302	3454	2957	2620	2374	2184	2032	1907	1596	1596	1446	1331
1	SDR 11	1.077"	11293	7762	6233	5335	4728	4284	3941	3666	3440	5880	2880	2609	2401
1-1/4	SDR 10	1.328"	19564	13446	10798	9242	8191	7421	6828	6352	5960	4989	4989	4521	4159
1-1/2	SDR 11	1.554"	29545	20306	16307	13956	12369	11207	10311	9592	9000	7535	7535	6827	6281
2	SDR 11	1.943"	53085	36485	29299	25076	22225	20137	18526	17235	16171	13538	13538	12266	11285

Gas - Undiluted Propane Inlet Pressure - 11.0 WC Pressure Drop - 0.5 WC

	PIPE	ACTUAL	LENGTH IN FEET												
Pipe Size	DESIGNATION	PIPE ID	10	20	30	40	50	60	70	80	90	100	125	150	175
			MAXIMUM CAPACITY in CUBIC FEET of GAS per HOUR												
1/2	SDR 9.33	0.660"	340	233	187	160	142	129	119	110	103	98	87	78	72
3/4	SDR 11	0.860"	680	467	375	321	285	258	237	221	207	196	173	157	145
1	SDR 11	1.077"	1227	844	677	580	514	466	428	398	374	353	313	284	261
1-1/4	SDR 10	1.328"	2126	1461	1173	1004	890	807	742	690	648	612	542	491	452
1-1/2	SDR 11	1.554"	3211	2207	1772	1517	1344	1218	1121	1042	978	924	819	742	683
2	SDR 11	1.943"	5769	3965	3184	2725	2415	2188	2013	1873	1757	1660	1471	1333	1226

200
368
736
1328
2300
3474
6241

200
40
80
144
249
376
675

200
30
60
109
189
285
512

200
618
1238
2233
3869
5843
10498

200
67
135
243
420
635
114