

Polyethylene Plastic Pipe Sizing Between First-Stage and Second-Stage Regulators

Plastic Pipe Length, Ft.	1/2" CTS SDR 7.00 (0.445)	3/4" IPS SDR 11.0 (0.860)	1" IPS SDR 11.00 (1.077)	1 1/4" IPS SDR 10.00 (1.328)	1 1/2" IPS SDR 11.00 (1.554)	2" IPS SDR 11.00 (1.943)
30	762	4292	7744	13416	20260	36402
40	653	3673	6628	11482	17340	31155
50	578	3256	5874	10176	15368	27612
60	524	2950	5322	9220	13924	25019
70	482	2714	4896	8483	12810	23017
80	448	2525	4555	7891	11918	21413
90	421	2369	4274	7404	11182	20091
100	397	2238	4037	6994	10562	18978
125	352	1983	3578	6199	9361	16820
150	319	1797	3242	5616	8482	15240
175	294	1653	2983	5167	7803	14020
200	273	1539	2775	4807	7259	13043
225	256	1443	2603	4510	6811	12238
250	242	1363	2459	4260	6434	11560
275	230	1294	2336	4046	6111	10979
300	219	1235	2228	3860	5830	10474
350	202	1136	2050	3551	5363	9636
400	188	1057	1907	3304	4989	8965
450	176	992	1789	3100	4681	8411
500	166	937	1690	2928	4422	7945
600	151	849	1531	2653	4007	7199
700	139	781	1409	2441	3686	6623
800	129	726	1311	2271	3429	6161
900	121	682	1230	2131	3217	5781
1000	114	644	1162	2012	3039	5461
1500	92	517	933	1616	2441	4385
2000	79	443	798	1383	2089	3753

Notes: 1) Maximum undiluted propane capacities listed are based on a pressure of 10 psig first-stage setting and 1-psi pressure drop. Capacities in 1000 Btu/hr.

2) Dimensions in parentheses are inside diameter.

