

Polyethylene Plastic Pipe Sizing

Sizing between First Stage (High Pressure Regulator) and Second Stage (Low Pressure Regulator)

Maximum undiluted propane capacities listed are
based on 10 psig First Stage and 1 psig pressure drop
Capacities in 1,000 Btu/hr.

Plastic Pipe Length in Feet	Plastic Pipe Nominal Outside Diameter (IPS)									
	Dimensions in parenthesis are inside diameter									
	1/2" SDR 9.33 (.660)	3/4" SDR 11.00 (.860)	1" SDR 11.00 (1.077)	1 1/4" SDR 11.00 (1.358)	1 1/2" SDR 11.00 (1.554)	2" SDR 11.00 (1.943)	2 1/2" SDR 11.00 (2.353)	3" SDR 11.00 (2.864)	3 1/2" SDR 11.00 (3.274)	4" SDR 11.00 (3.682)
30	2143	4292	7744	14225	20260	36402	60148	100716	143057	194669
40	1835	3673	6628	12174	17340	31155	51479	86200	122439	166611
50	1626	3256	5874	10790	15368	27612	45625	76397	108515	147665
60	1473	2950	5322	9777	13924	25019	41340	69222	98322	133795
70	1355	2714	4896	8995	12810	23017	38032	63683	90455	123089
80	1261	2525	4555	8368	11918	21413	35382	59245	84151	114511
90	1183	2369	4274	7851	11182	20091	33197	55587	78956	107442
100	1117	2238	4037	7416	10562	18978	31358	52508	74582	101489
125	990	1983	3578	6573	9361	16820	27792	46536	66100	89948
150	897	1797	3242	5955	8482	15240	25181	42165	59892	81499
175	826	1653	2983	5479	7803	14020	23167	38792	55100	74978
200	768	1539	2775	5097	7259	13043	21552	36088	51260	69753
225	721	1443	2603	4782	6811	12238	20222	33860	48095	65447
250	681	1363	2459	4517	6434	11560	19101	31984	45430	61821
275	646	1294	2336	4290	6111	10979	18141	30377	43147	58714
300	617	1235	2228	4093	5830	10474	17307	28980	41163	56014
350	567	1136	2050	3766	5363	9636	15922	26661	37870	51532
400	528	1057	1907	3503	4989	8965	14813	24803	35230	47941
450	495	992	1789	3287	4681	8411	13898	23272	33056	44981
500	468	937	1690	3105	4422	7945	13128	21983	31224	42489
600	424	849	1531	2813	4007	7199	11895	19918	28291	38498
700	390	781	1409	2588	3686	6623	10943	18324	26028	35418
800	363	726	1311	2408	3429	6161	10180	17047	24214	32949
900	340	682	1230	2259	3217	5781	9552	15995	22719	30915
1000	322	644	1162	2134	3039	5461	9023	15109	21460	29202
1500	258	517	933	1714	2441	4385	7246	12133	17233	23451
2000	221	443	798	1466	2089	3753	6201	10384	14749	20071