

YELLOW PLASTIC GAS PIPE

YELLOW "MEDIUM DENSITY" (PE2406) POLYETHYLENE GAS PIPE



Always Match Pipe Size & SDR



Conforms to ASTM D-2513

For several years, the gas utility and distribution market has used plastic gas pipe for its **ease-of-use, corrosion resistance, and cost effectiveness**. NFPA 54 provides for the use of plastic piping within it's code for **outdoor, underground use only** at a **minimum burial depth of 18"**, using **yellow 14g tracer wire** for location purposes.

W-R#	Description	SDR	Length
2880004	1/2" CTS	SDR-7	500'
2880012	3/4" IPS	SDR-11	150'
2880020	1" CTS	SDR-11.5	150'
2880022	1" IPS	SDR-11	150'
2880030	1 1/4" IPS	SDR-10	150'
2880032	1 1/4" IPS	SDR-11	150'
2880042	1 1/2" IPS	SDR-11	150'
2880052	2" IPS	SDR-11	100'

**"SDR" stands for "Standard Dimension Ratio". It is a designation of a pipe's pressure rating. SDR is the ratio of Pipe Diameter to Wall Thickness.

Basic Sizing Chart for Natural Gas

*Source: NFPA 54-2006 Table 6.2 (s)

Natural Gas		Low pressure < 2 psi				
Length (feet)	1/2 IPS SDR-9.3	3/4 IPS SDR-11	1 IPS SDR-11	1 1/4 IPS SDR-10	1 1/2 IPS SDR-11	2 IPS SDR-11
10	201	403	726	1260	1900	3410
20	138	277	499	865	1310	2350
30	111	222	401	695	1050	1880
40	95	190	343	594	898	1610
50	84	169	304	527	796	1430
60	76	153	276	477	721	1300
70	70	140	254	439	663	1190
80	65	131	236	409	617	1110
90	61	123	221	383	579	1040
100	58	116	209	362	547	983
125	51	103	185	321	485	871
150	46	93	168	291	439	789
175	43	86	154	268	404	726
200	40	80	144	249	376	675
250	35	71	127	221	333	598
300	32	64	115	200	302	542
350	29	59	106	184	278	499
400	27	55	99	171	258	464
450	26	51	93	160	242	435
500	24	48	88	152	229	411

Pressure Drop: .5 in w.c. Spec. Gravity: .60

* Values listed are in cubic feet/meter (cfm). To calculate BTU, multiply by 1000.

Basic Sizing Chart for Propane

*Source: NFPA 54-2006 Table 6.2 (k)

Propane		11 inches of w.c				
Length (feet)	1/2 IPS SDR-9.3	3/4 IPS SDR-11	1 IPS SDR-11	1 1/4 IPS SDR-10	1 1/2 IPS SDR-11	2 IPS SDR-11
10	340	680	1230	2130	3210	5770
20	233	468	844	1460	2210	3970
30	187	375	677	1170	1770	3180
40	160	321	580	1000	1520	2730
50	142	285	514	890	1340	2420
60	129	258	466	807	1220	2190
70	119	237	428	742	1120	2010
80	110	221	398	690	1040	1870
90	103	207	374	648	978	1760
100	98	196	353	612	924	1660
125	87	173	313	542	819	1470
150	78	157	284	491	742	1330
175	72	145	261	452	683	1230
200	67	135	243	420	635	1140
250	60	119	215	373	563	1010
300	54	108	195	338	510	916
350	50	99	179	311	469	843
400	46	92	167	289	436	784
450	43	87	157	271	409	736
500	41	82	148	256	387	695

Pressure Drop: .5 in w.c. Spec. Gravity: 1.50

* Values listed are in cubic feet/meter (cfm). To calculate BTU, multiply by 1000.

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**UNDERGROUND GAS
ACCESSORIES**



**14 GAUGE YELLOW
TRACER WIRE**

W-R#	Description
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1842500	500' Yellow Tracer Wire-14g
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- Use tracer wire in the trench along yellow polypipe for an effective, code-compliant installation.



**NON-DETECTABLE
YELLOW BURIAL TAPE**

W-R#	Description
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2426050	3" x 1000' Burial Tape
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- Burial Tape is used 6 -8" above the pipe and tracer wire in the trench.
- Non-Detectable



**UNIVERSAL BRACKET
FOR ANODELESS
RISERS**

W-R#	Description
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2867050	3/4" to 1 1/2" Riser Bracket
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- Fits 3/4" - 1 1/2" anodeless risers
- Adjustable from 6" - 10" from wall

