

TABLE 12-24 Polyethylene Plastic Pipe [NFPA 54: Table 6.2(s)]

		Gas: Natural				
		Inlet Pressure: Less than 0.138bar				
		Pressure Drop: 12.7mm w.c.				
		Specific Gravity: 0.6				
		Pipe Size (mm)				
Nominal OD:	15	20	25	32	38	50
Designation:	SDR 9.33	SDR 11.0	SDR 11.00	SDR 10.00	SDR 11.00	SDR 11.00
Length (m)	Capacity in m ³ /h					
3	5.7	11.4	20.6	35.7	53.8	96.5
6	3.9	7.8	14.1	24.5	37.1	66.5
9	3.1	6.3	11.4	19.7	29.7	53.2
12	2.7	5.4	9.7	16.8	25.4	45.6
15	2.4	4.8	8.6	14.9	22.5	40.5
18	2.2	4.3	7.8	13.5	20.4	36.8
21	2.0	4.0	7.2	12.4	18.8	33.7
24	1.8	3.7	6.7	11.6	17.5	31.4
27	1.7	3.5	6.3	10.8	16.4	29.4
30	1.6	3.3	5.9	10.2	15.5	27.8
37.5	1.4	2.9	5.2	9.1	13.7	24.7
45	1.3	2.6	4.8	8.2	12.4	22.3
52.5	1.2	2.4	4.4	7.6	11.4	20.6
60	1.1	2.3	4.1	7.0	10.6	19.1
75	1.0	2.0	3.6	6.3	9.4	16.9
90	0.9	1.8	3.3	5.7	8.5	15.3
105	0.8	1.7	3.0	5.2	7.9	14.1
120	0.8	1.6	2.8	4.8	7.3	13.1
135	0.7	1.4	2.6	4.5	6.9	12.3
150	0.7	1.4	2.5	4.3	6.5	11.6

Note: All table entries are rounded to 3 significant digits.SI: 1m = 3.3 ft.; 1mm = 0.04 in.; 1m³ = 33.3 ft.³; 1bar = 14.5 psi