

TABLE 12-26 Polyethylene Plastic Tubing [NFPA 54: Table 6.2(u)]

	Gas: Natural	
	Inlet Pressure: Less than 0.138bar	
	Pressure Drop: 7.5mm w.c.	
	Specific Gravity: 0.6	
	Plastic Tubing Size (CTS)* (mm)	
Nominal OD:	15	20
Designation:	SDR 7.00	SDR 11.00
Length (m)	Capacity in m³/h	
3	1.5	10.5
6	1.0	7.2
9	0.8	5.8
12	0.7	5.0
15	0.7	4.4
18	0.6	4.0
21	0.5	3.7
24	0.5	3.4
27	0.5	3.2
30	0.5	3.0
37.5	0.4	2.7
45	0.4	2.4
52.5	0.3	2.2
60	0.3	2.1
67.5	0.3	2.0
75	NA	1.8
82.5	NA	1.8
90	NA	1.7
105	NA	1.5
120	NA	1.4
135	NA	1.3
150	NA	1.3

*CTS = Copper tube size.

NA means a flow of less than 0.3m³/h**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