

TABLE 12-40 Polyethylene Plastic Tubing [NFPA 54: Table 6.3(m)]

	Gas: Natural	
	Inlet Pressure:	279mm w.c.
	Pressure Drop:	12.7mm w.c.
	Specific Gravity:	1.50
INTENDED USE: PE Tube Sizing Between Integral 2-Stage Regulator at Tank or Second Stage (Low Pressure Regulator) and Building		
	Plastic Tubing Size (CTS) (mm)	
Nominal OD:	15	20
Designation:	SDR 7.00	SDR 11.00
Length (m)	Capacity in kW	
3	35.5	242.6
6	24.3	166.7
9	19.6	133.9
12	16.7	114.6
15	14.9	101.7
18	13.5	92.0
21	12.3	84.7
24	11.4	78.8
27	10.8	73.8
30	10.3	69.7
37.5	9.1	61.8
45	8.2	56.0
52.5	7.6	51.6
60	7.0	48.1
67.5	6.4	45.1
75	6.2	42.5
82.5	5.9	40.4
90	5.6	38.7
105	5.3	35.5
120	4.7	33.1
135	4.4	31.1
150	4.4	29.3

*CTS = Copper tube size.

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