

Technical Specification ASTM D 1785

TOLERANCES				
MAXIMUM OUT-				
NOMINAL PIPE SIZE	OUTSIDE DIAMETER	AVERAGE	SCHEDULE 40 SIZES 3 1/2 IN. AND OVER; SCHEDULE 80 SIZES 8 IN. AND OVER	SCHEDULE 40 SIZES 3 IN. AND LESS; SCHEDULE 80 SIZES 6 IN. AND LESS; SCHEDULE 120 SIZES ALL
1/8	0.405(10.29)	±0.004(±0.10)	—	0.016(0.41)
1/4	0.540(13.72)	±0.004(±0.10)	—	0.016(0.41)
3/8	0.675(17.14)	±0.004(±0.10)	—	0.016(0.41)
1/2	0.840(21.34)	±0.004(±0.10)	—	0.016(0.41)
3/4	1.050(26.67)	±0.004(±0.10)	—	0.20(0.51)
1	1.315(33.40)	±0.005(±0.13)	—	0.20(0.51)
1 1/4	1.660(42.16)	±0.005(±0.13)	—	0.024(0.61)
1 1/2	1.900(48.26)	±0.006(±0.15)	—	0.024(0.61)
2	2.375(60.32)	±0.006(±0.15)	—	0.024(0.61)
2 1/2	2.875(73.02)	±0.007(±0.18)	—	0.030(0.76)
3	3.500(88.90)	±0.008(±0.20)	—	0.030(0.76)
3 1/2	4.000(101.60)	±0.008(±0.20)	0.100(2.54)	0.030(0.76)
4	4.500(114.30)	±0.009(±0.23)	0.100(2.54)	0.030(0.76)

Technical Specification IS-15778

Nominal Size	Nominal Outside Diameter	Mean Outside Diameter		Outside Diameter At Any Point		WALL THICKNESS								
						Class - 1, SDR 11			Class - 2, SDR 13.5			Class - 3, SDR 17		
						Min	Max	Avg Max	Min	Max	Avg Max	Min	Max	Avg Max
15	15.9	15.8	16	15.8	16	2.2*	1.7*	2.2*	1.9*	1.4*	1.9*	—	—	—
20	22.2	22.1	22.3	22	22.4	2.5	2	—	2.2	1.7	2.2	—	—	—
32	34.9	34.8	35	34.7	35.1	3.7	3.2	3.7	3.1	2.6	3.1	—	—	—
40	41.3	41.2	41.4	41.1	41.5	4.3	3.8	4.3	3.6	3.1	3.6	—	—	—
50	54	53.9	54.1	53.7	54.3	5.5	4.9	5.5	4.6	4	4.6	—	—	—
65	73	72.8	73.2	72.2	73.8	—	—	—	—	—	—	4.8	4.3	4.8
80	88.9	88.7	89.1	88.1	89.7	—	—	—	—	—	—	5.9	5.2	5.9
100	114.3	114.1	114.5	113.5	115.1	—	—	—	—	—	—	7.5	6.7	7.5
150	168.3	168	168.6	166.5	170.1	—	—	—	—	—	—	11.1	9.9	11.1

Technical Specification ASTM D 1785

NOMINAL PIPE SIZE	WALL THICKNESS					
	SCHEDULE 40		SCHEDULE 80		SCHEDULE 120	
	MINIMUM	TOLERANCE	MINIMUM	TOLERANCE	MINIMUM	TOLERANCE
1/8	0.068(1.73)	0.020(+0.51)	0.095(2.41)	0.020(+0.51)	—	—
1/4	0.088(2.24)	0.020(+0.51)	0.119(3.02)	0.020(+0.51)	—	—
3/8	0.091(2.31)	0.020(+0.51)	0.126(3.20)	0.020(+0.51)	—	—
1/2	0.109(2.77)	0.020(+0.51)	0.147(3.73)	0.020(+0.51)	0.170(4.32)	0.020(+0.51)
3/4	0.113(2.87)	0.020(+0.51)	0.154(3.91)	0.020(+0.51)	0.170(4.32)	0.020(+0.51)
1	0.133(3.38)	0.020(+0.51)	0.179(4.55)	0.021(+0.53)	0.200(5.08)	0.024(+0.61)
1 1/4	0.140(3.56)	0.020(+0.51)	0.191(4.85)	0.023(+0.58)	0.215(5.46)	0.026(+0.66)
1 1/2	0.145(3.68)	0.020(+0.51)	0.200(5.08)	0.024(+0.61)	0.225(5.72)	0.027(+0.68)
2	0.154(3.91)	0.020(+0.51)	0.218(5.54)	0.026(+0.66)	0.250(6.35)	0.030(+0.76)
2 1/2	0.203(5.16)	0.024(+0.61)	0.276(7.01)	0.033(+0.84)	0.300(7.62)	0.036(+0.91)
3	0.216(5.49)	0.026(+0.66)	0.300(7.62)	0.036(+0.91)	0.350(8.89)	0.042(+1.07)
3 1/2	0.226(5.74)	0.027(+0.68)	0.318(8.08)	0.038(+0.96)	0.350(8.89)	0.042(+1.07)
4	0.237(6.02)	0.028(+0.71)	0.337(8.56)	0.040(+1.02)	0.437(11.10)	0.052(+1.32)

PLUMBING PIPES

Length 6 Mtrs.

Inches	mm	S. Packing
1/2"	21.34	30
3/4"	26.67	20
1"	33.4	15
1.1/2"	48.26	5
2"	60.32	3
2.1/2"	73.02	1
3"	88.9	1
4"	114.03	1

Length 3 Mtrs.

Inches	mm	S. Packing
1/2"	21.34	50
3/4"	26.67	30
1"	33.4	20
1.1/2"	48.26	10
2"	60.32	6
2.1/2"	73.02	2
3"	88.9	2
4"	114.03	2