

from ISO 4427, summarizes the pipe dimension requirements for sizes up to 1000 mm OD.

Table 20-2: Pipe Dimensions

Nominal Size OD (mm)	Maximum Ovality (mm)	Mean Outside Dia.		SDR11 Wall Thickness		SDR17 Wall Thickness	
		Min. (mm)	Max. (mm)	Min. (mm)	Max. (mm)	Min. (mm)	Max. (mm)
20	1.2	20	20.3	2.0	2.3	-	-
25	1.2	25	25.3	2.3	2.7	-	-
32	1.3	32	32.3	3.0	3.4	-	-
50	1.4	50.0	50.4	4.6	5.2	3.0	3.4
63	1.5	63.0	63.4	5.8	6.5	3.8	4.3
90	1.8	90.0	90.6	8.2	9.2	5.4	6.1
110	2.2	110.0	110.7	10.0	11.1	6.6	7.4
160	3.2	160.0	161.0	14.6	16.2	9.5	10.6
225	4.5	225.0	226.4	20.5	22.7	13.4	14.9
315	11.1	315.0	316.9	28.6	31.6	18.7	20.7
355	12.5	355.0	357.2	32.2	35.6	21.1	23.4
450	15.6	450	452.7	40.9	45.1	26.7	29.5
500	17.5	500	503	45.4	50.1	29.7	32.8
560	19.6	560	563.4	50.8	56.0	33.2	36.7
630	22.1	630	633.8	57.2	63.1	37.4	41.3