

BS 5391 for ABS Pipe - Inch

Diameter					Wall Thickness									
Nominal size	Mean outside diameter*		Individual outside diameter		Class B 6.0 bar		Class C 9.0 bar		Class D 12.0 bar		Class E 15.0 bar		Class T** 12.0 bar	
	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
3/8	17.0	17.3	17.0	17.3	-	-	-	-	-	-	1.6	1.8	3.4	3.6
1/2	21.2	21.5	21.2	21.5	-	-	-	-	-	-	1.9	2.1	3.5	3.7
3/4	26.6	26.9	26.6	26.9	-	-	-	-	-	-	2.4	2.6	3.5	3.7
1	33.4	33.7	33.4	33.7	-	-	1.9	2.1	2.5	2.7	3.0	3.3	4.2	4.5
1 1/4	42.1	42.4	42.0	42.4	-	-	2.4	2.6	3.1	3.4	3.8	4.1	5.1	5.5
1 1/2	48.1	48.4	48.0	48.5	-	-	2.7	3.0	3.6	3.9	4.4	4.7	5.8	6.2
2	60.2	60.5	60.0	60.7	-	-	3.4	3.7	4.5	4.9	5.4	5.8	7.0	7.4
3	88.7	89.1	88.4	89.4	-	-	5.0	5.3	6.5	6.9	8.0	8.5	-	-
4	114.1	114.5	113.7	114.9	-	-	6.4	6.9	8.4	8.9	10.3	10.9	-	-
6	168.0	168.5	167.4	169.1	6.1	6.4	9.4	10.4	12.3	13.3	-	-	-	-
8	218.8	219.4	218.1	220.2	8.4	8.8	12.2	13.2	-	-	-	-	-	-

* 'Mean outside diameter' of a pipe is taken to be the arithmetic mean of any two perpendicularly opposed individual outside diameters. Alternatively, the mean outside diameter may be determined by means of a circumference tape.

** Class T pipe is intended only for threading. Its maximum sustained working pressure (12 bar) applies when threading is carried out in accordance with BS21.