

Sheet1

DIMENSION CHART FOR CPVC PIPES AS PER IS 15778 : 2007										
Nominal Size(mm)	Mean Outside Diameter(mm)		Out side Diameter at Any Point (mm)		Wall Thickness (mm)					
					Class 1,SDR11		Class 2,SDR 13.5		Class 3,SDR 17	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
15	15.8	16.0	15.8	16.0	1.7*	2.2*	1.4*	1.9*	-	-
20	22.1	22.3	22.0	22.4	2.0	2.5	1.7	2.2	-	-
25	28.5	28.7	28.4	28.8	2.6	3.1	2.1	2.6	-	-
32	34.8	35.0	34.7	35.1	3.2	3.7	2.6	3.1	-	-
40	41.2	41.4	41.1	41.5	3.8	4.3	3.1	3.6	-	-
50	53.9	54.1	53.7	54.3	4.9	5.5	4.0	4.6	-	-
65	72.8	73.2	72.2	73.8	-	-	-	-	4.3	4.8
80	88.7	89.1	88.1	89.7	-	-	-	-	5.2	5.9
100	114.1	114.5	113.5	115.1	-	-	-	-	6.7	7.5
150	168.0	168.6	166.5	170.1	-	-	-	-	9.9	11.1

TEMPERATURE CURRECTION OR DERATING FACTORS							
Operating Temperature	°F	77	104	131	158	185	194
	°C	25	40	55	70	85	90
Coefficient		1.00	0.80	0.60	0.40	0.20	0.18

NOTES	1 All dimensions with '*' are not a function of SDR
	2 For CPVC pipes SDR is calculated by dividing the average outer diameter of pipe in mm by the minimum wall thickness in mm. If the wall