

Technical Specifications

Nominal Bore		As per ASTM D 1785-Schedule 40		
(in Inches)	(in Inches)	Outside Diameter	Thickness	Pressure
		(min) (in mm)	(min) (in mm)	(in bar)
01-Feb	15	21.2	2.8	20.5
03-Apr	20	26.6	2.9	16.5
1	25	33.3	3.4	15.5
1 1/4	32	42	3.6	12.5
1 1/2	40	48.1	3.7	11.5
2	65	72.8	5.2	9.5
2 1/2	65	72.8	5.2	10.5
3	80	88.7	5.5	9
4	100	114.1	6	7.5
6	150	168	7.1	6

As per ASTM D 1785-Schedule 80				
(in Inches)	(in Inches)	Outside Diameter	Thickness	Pressure
		(min) (in mm)	(min) (in mm)	(in bar)
01-Feb	15	21.2	3.7	29
03-Apr	20	26.6	3.9	23
1	25	33.3	4.5	22
1 1/4	32	42.9	4.9	18
1 1/2	40	48.1	5.1	16
2	50	60.2	5.6	14
2 1/2	65	72.8	7	15
3	80	88.7	7.6	13
4	100	114.1	8.6	11

PATTON Rigid PVC Pipes Specifications- As per IS 12818/ 1992						
Nominal Diameter	Outer Diameter		CM Pipes		CS Pipes	
			Wall Thickness		Wall Thickness	
	Min	Max	Min	Max	Min	Max
40	48	48.2	3.5	4	-	-
50	60	60.2	4	4.6	-	-
80	88	88.3	4	4.6	-	-
100	113	113.3	5	4.7	-	-
125	140	140	6.5	7.3	-	-
150	165	165.4	-	-	5.7	6.5
175	200	200.5	8.8	9.8	7	7.8
200	225	225.5	10	11.2	7.6	8.8

PATTON Rigid PVC Pipes Specifications – As per IS 4985 / 2000										
Nominal outside Diameter Nominal	Mean Outside Diameter		Outside Diameter at any point		Wall Thickness for Working pressure					
					Class 1 2.5		Class 2 4.0		Class 3 6.0	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
40	40	40.3	39.5	40.5					1.4	1.8
50	50	50.3	49.4	50.6					1.7	2.1
63	63.3	63.3	62.2	63.8			1.5	1.9	2.2	2.7
75	75.5	75.3	74.1	75.9			1.8	2.2	2.3	3.1
90	90	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7
110	110	110.4	108.6	111.4	1.6	2	2.5	3	3.7	4.3
125	125	125.4	123.4	126.5	1.8	2.2	2.9	3.4	4.3	5
140	140	140.5	138.3	141.7	2	2.4	3.2	3.8	4.8	5.5
160	160	160.5	158	162	2.3	2.8	3.7	4.3	5.4	6.2
180	180	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1
200	200	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9
225	225	225.7	222.3	227.7	3.3	3.9	5.2	6	7.6	8.8
250	250	250.8	247	253	3.6	4.2	5.7	6.5	8.5	9.8
280	280	280.9	276.6	283.4	4.1	4.8	6.4	7.4	9.5	11
315	315	316	311.2	318.8	4.6	5.3	7.2	8.3	10.7	12.4