



PATTON[®]

BUILT WITH TRUST | BUILT TO LAST

PIPES

ADVANTAGES:

- Manufactured with the latest German technology
- Light in weight, easy & cost-effective installation
- Low thermal conductivity maintains uniform fluid temperature
- Smooth inner surface reduces friction & results in better water flow
- Provides hygienic & safe drinking water
- Non-corrosive & immune to galvanic/electrolyte erosion
- Resistant to scale formation, rust, chemicals
- Fire-resistant/self-extinguishing

PATTON Rigid PVC Pipes Specifications

Nominal Bore		As per ASTM D 1785- Schedule 40		
(Inch)	(mm.)	Outside Diameter (Min.) (mm.)	Thickness (Min.) (mm.)	Pressure (Bar)
½	15	21.2	2.8	0.5
¾	20	26.6	2.9	16.5
1	25	33.3	3.4	15.5
1¼	32	33.3	3.6	12.5
1½	40	42.0	3.7	11.5
2	65	48.1	5.2	9.5
2½	65	72.8	5.2	10.5
3	80	88.7	5.5	9.0
4	100	114.1	6.0	7.5
5	125	141.30	9.5	10.5
6	150	168.0	7.1	6.0
8	200	219.07	8.17	5.5
10	250	273.05	9.27	5.0
12	300	323.89	10.31	4.00
As per ASTM D 1785- Schedule 80				
½	15	21.20	- 3.70	29
¾	20	26.60	3.90	23
1	25	33.30	4.50	22
1¼	32	42.90	4.90	18
1½	40	48.10	5.10	16
2	65	60.20	5.60	14
2½	65	72.80	7.00	15
3	80	88.70	7.60	13
4	100	114.10	8.60	11
5	125	141.30	6.55	10
6	150	186.00	10.97	9
8	200	219.07	12.70	8
10	250	273.05	15.06	7
12	300	323.85	17.44	6

PATTON Rigid PVC Pipes Specifications - As per IS 4985/2000

Nominal Outside Diameter Nominal Size in mm.	Mean Outside Diameter in mm.		Outside Diameter at any point in mm		Wall Thickness for Working Pressure					
					Class I 2.5 kg/cm ²		Class 2 4.0 kg/cm ²		Class 3 6.0 kg/cm ²	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
40	40.0	40.3	39.5	40.0					1.4	1.8
50	50.0	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	90.0	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7
110	110.0	110.4	108.6	114.4	1.6	2.0	2.5	3.0	3.7	4.3
125	125.0	125.4	123.4	126.5	1.8	2.2	2.9	3.4	4.3	5.0
150	140.0	140.5	138.3	141.7	2.0	2.4	3.2	3.8	4.8	5.5
160	160.0	160.5	158.0	162.0	2.3	2.8	3.7	4.3	5.4	6.2
180	180.0	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1
200	200.0	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9
225	225.0	225.7	222.3	227.7	3.3	3.9	5.2	6.0	7.6	8.8
250	250.0	250.8	247.0	253.0	3.6	4.2	5.7	6.5	8.5	9.8
280	280.0	280.9	276.6	283.4	4.1	4.8	6.4	7.4	9.5	11.0
315	315.0	316.0	311.2	318.8	4.6	5.3	7.2	8.3	10.7	12.4

PATTON Rigid PVC Pipes Specifications - As per IS 12818/2010

Nominal Diameter in mm.	Outer Diameter in mm.		CM Pipes		CS Pipes		CD Pipes		RMS Pipes	
			Wall Thickness in mm.		Wall Thickness in mm.		Wall Thickness in mm.		Wall Thickness in mm.	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
40	48	48.2	3.5	4.0	-	-	-	-	3.5	4.0
50	60	60.2	4.0	4.6	-	-	-	-	4.0	4.6
80	88	88.3	4.0	4.6	-	-	-	-	4.0	4.6
100	113	113.3	5.0	5.7	-	-	7.0	7.9	5.0	5.7
125	140	140.3	6.5	7.3	-	-	8.0	9.0	6.5	7.3
150	165	¹ 65.4	7.5	8.5	5.7	6.5	9.5	10.7	7.5	8.5
175	200	200.5	8.8	9.8	7.0	7.80	11.80	13.6	-	-
200	225	225.5	10.0	11.20	7.6	8.8	13.0	14.8	-	-
250	280.0	280.5	12.5	14.0	9.6	11.0	16.0	17.6	-	-
300	330.0	330.6	14.5	16.2	11.2	13.3	19.0	21.0	-	-



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For enquiries please contact: 98363 92610

plastic@pattonindia.com | www.pattonindia.com

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