

SHAKTI PVC RIGID PIPES

SALIENT FEATURES

- Specification followed : IS : 4985:2000
- Lightweight, easy to transport & install
- Strong, flexible & durable
- High electrical resistance, low thermal conductivity & extremely hygienic
- Saves energy due to smooth inner surface which enables better discharge
- Resistant to chemicals
- Self-extinguishing and hence fire resistant
- Termite proof & UV resistant
- Leak proof
- Negligible algae formation due to low opacity
- Resistant to moisture abrasion & wearing

APPLICATIONS

Agriculture:

- For irrigation purpose in agriculture

Industrial:

- Disposal of chemical effluent & waste
- Acid & slurries transportation
- Salt water handling

Domestic:

- Potable water supply in urban areas

Others:

- Telecommunication cable ducting



SHAKTI PVC RIGID PIPES

TECHNICAL PARAMETERS IS : 4985:2000 (All Dimension in mm)

Pipe Size (Inch)	Nominal Outside diameter (Nomial Size In MM)	Mean Outside diameter		Outside diameter At Any Point		Class-1		Class-2		Class-3		Class-4		Class-5		Class-6		
		Min.	Max.	Min.	Max.	0.25 Mpa (2.5kg/cm2)		0.40 Mpa (4kg/cm2)		0.60 Mpa (6kg/cm2)		0.80 Mpa (8kg/cm2)		1.00 Mpa (10kg/cm2)		1.25 Mpa (12.5kg/cm2)		
						Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
0.5"	20	20.0	20.3	19.5	20.5									1.1	1.5	1.4	1.8	
0.75"	25	25.0	25.3	24.5	25.5								1.2	1.6	1.4	1.8	1.7	2.1
1.0"	32	32.0	32.3	31.5	32.5								1.5	1.9	1.8	2.2	2.2	2.7
1.25"	40	40.0	40.3	39.5	40.5					1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3	
1.5"	50	50.0	50.3	49.4	50.6					1.7	2.1	2.3	2.8	2.8	2.3	3.4	4.0	
2.0"	63	63.0	63.3	62.2	63.8			1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0	
2.5"	75	75.0	75.3	74.1	75.9			1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9	
3.0"	90	90.0	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1	
4.0"	110	110.0	110.4	108.6	111.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.1	
4.5"	125	125.0	125.4	123.5	126.5	1.8	2.2	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8	
5.0"	140	140.0	140.5	138.3	141.7	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0	
6.0"	160	160.0	160.5	158.0	162.0	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6	
7.0"	180	180.0	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1	
8.0"	200	200.0	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.6	
9.0"	225	225.0	225.7	222.3	227.7	3.3	3.9	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3	15.3	17.6	
10.0"	250	250.0	250.8	247.0	253.0	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9	17.0	19.6	
11.0"	280	280.0	280.9	276.6	283.4	4.1	4.8	6.4	7.4	9.5	11.0	12.5	14.4	15.4	17.8	19.0	21.9	
12.0"	315	315.0	316.0	311.2	318.8	4.6	5.3	7.2	8.3	10.7	12.4	14.0	16.1	17.3	19.9	21.4	24.7	
14.0"	355	355.0	356.1	350.7	359.3	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6	24.1	27.8	
16.0"	400	400.0	401.2	395.2	404.8	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3	27.2	31.3	