



AN ISO 9001:2000 CERTIFIED COMPANY.
 Manufacturer and Exporter of :
 HDPE, PLB, MDPE, LDPE,
 uPVC, Pipes & their
 accessories

Satisfied Customer
 Is Our
 Strength

Vikas®

UPVC RIGID PIPE

UPVC RIGID PIPE / BLUE CASING PIPE





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Vikas® UPVC RIGID PIPE

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Salient Features

- Strong and durable.
- Light weight.
- Length as required.
- Convenient joining.
- Better flow characteristic.
- Leak proof.
- Energy saving.
- Safe.
- Resistant to moisture, corrosion, chemicals, abrasion & wearing.
- Termite proof and UV resistant.
- Long lasting & maintenance free.
- Conforming to IS-4985 specifications

Applications

- INDUSTRIAL**
 - Disposal of chemical effluent & waste.
 - Salt water handling.
- AGRICULTURAL**
 - Irrigation schemes for agricultural purpose.
- DOMESTIC**
 - Potable water supply scheme in urban areas.
- OTHER**
 - Telecommunication cable ducting.
 - Bio-gas, natural gas distribution & oil distribution lines.
- Product Range**
 - Plain 20 mm to 250 mm.
 - Selfit 63 mm to 180 mm.



ADVANTAGES OF VIKAS UPVC RIGID PIPES

- Highly economic and versatile, ideally suited for a variety of applications.
- More resilient and strong due to less filler content. (Specific Gravity 1.41)
- Lightweight with large impact-to-weight ratio facilitates easy handling, transportation & installation.
- Removable and reusable. (elastomeric ring fittings)
- Strong resistance to chemicals makes them ideal for industrial applications.
- Larger diameter options make them ideal for sewerage applications.

DIMENSIONS (As per IS : 4985 - 2000)

(All dimensions are in mm)

Nominal Outside Diameter (Nominal Size) dn	Mean Outside Diameter dem		Outside Diameter at any point de		Wall Thickness - e												Socket Inner Diameter dim		Minimum Depth of Engagement m
					Class 1 0.25 MPa 2.5 kg/cm ²		Class 2 0.40 MPa 4.0 kg/cm ²		Class 3 0.60 MPa 6.0 kg/cm ²		Class 4 0.80 MPa 8.0 kg/cm ²		Class 5 1.00 MPa 10.0 kg/cm ²		Class 6 1.25 MPa 12.5 kg/cm ²				
					Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max			
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	63.6	64.3	64
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	75.6	76.3	67
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	90.7	91.5	70
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	8.7	110.8	111.7	75
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	125.9	126.9	78
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	140.9	141.9	81
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	161.0	162.1	86
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	181.1	182.2	90
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	15.7	201.2	202.3	94
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	226.4	227.5	100
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	251.5	252.6	105
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	281.6	283.0	112
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	316.8	318.3	118

Notes :

- (1) The table is based on metric series of pipe dimensions given in ISO 161/1 in respect of pipe dimensions and ISO DIS 4422.
- (2) The wall thickness of pipes is based on a safe working stress of 8.6 MPa at 27°C and the working pressure gets reduced at sustained higher temperatures. Occasional rise in temperature as in summer season with concurrent corresponding reduction in temperature during nights has no deleterious effect on the life working pressure of the pipes considering the total life of pipes.



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