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VASANI
POLYMERS PVT. LTD.

Delivering Pipes,
Building Trust

uPVC Pressure Pipes & Fittings



Vasani Polymers Pvt. Ltd.

Manufacturing Unit

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uPVC Pressure Pipes & Fittings



PRODUCT BRIEF :

- Material: Unplasticized Polyvinyl Chloride (uPVC)
- Pressure Rating : 2.5, 4, 6, 8,10,12.5 kgf / cm².
- Size : 20 mm to 400 mm dia pipe available.
- Standard : IS : 4985 : 2000
- Colour: Light Grey
- Form Supplied : Balled ended and Elastomeric PVC Pressure Pipes with Sealing Rings (RRJ) pipe in 6mtr. length.

APPLICATION :

- Agriculture
- Irrigation Project
- Potable water supply and distribution system
- Building Construction
- Industrial water / Chemical distribution system

ADVANTAGE :

- Eco-Friendly
- Low cost and economical.
- Easy to transport and install.
- Non- Corrosive, Does not rust.
- Highly flexible can take heavy load.
- Non resistant to Chemicals and electrical.
- Non effective of sunlight [Weather resistant]
- Suitable for over ground, underground and under water usage.
- Non effective to rodents.
- Low friction loss which will Save power consumption

| Nominal Size Dia | | Mean O.D of Pipes | | O.D. at any point | | Class-1 2.5kg/cm ² | | Class-2 4.0kg/cm ² | | Class-3 6.0kg/cm ² | | Class-4 8.0kg/cm ² | | Class-6 10kg/cm ² | | Class-6 12.5kg/cm ² | | Socket ID | | Min. Depth of Engagement |
|------------------|------|-------------------|-------|-------------------|-------|----------------------------------|------|----------------------------------|------|----------------------------------|------|----------------------------------|------|---------------------------------|------|-----------------------------------|------|-----------|-------|--------------------------|
| mm | Inch | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | mm |
| 20 | ½" | 20 | 20.3 | 19.5 | 20.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.1 | 1.5 | 1.4 | 1.8 | | | |
| 25 | ¾" | 25 | 25.0 | 24.5 | 25.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1.2 | 1.6 | 1.4 | 1.8 | 1.7 | 2.1 | | | |
| 32 | 1" | 32 | 32.3 | 31.5 | 32.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 1.9 | 1.8 | 2.2 | 2.2 | 2.7 | | | |
| 40 | 1½" | 40 | 40.3 | 39.5 | 40.5 | 0 | 0 | 0 | 0 | 1.4 | 1.8 | 1.8 | 2.2 | 2.2 | 2.7 | 2.8 | 3.3 | | | |
| 50 | 1½" | 50 | 50.3 | 49.4 | 50.6 | 0 | 0 | 0 | 0 | 1.7 | 2.1 | 2.3 | 2.8 | 2.8 | 3.3 | 3.4 | 4.0 | | | |
| 63 | 2" | 63 | 63.3 | 62.2 | 63.8 | 0 | 0 | 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 | 2½" | 75 | 75.3 | 74.1 | 75.9 | 0 | 0 | 1.8 | 2.9 | 2.6 | 3.1 | 3.4 | 4.0 | 4.2 | 4.9 | 5.1 | 5.9 | 75.6 | 76.3 | 67 |
| 90 | 3" | 90 | 90.3 | 88.9 | 91.1 | 1.3 | 1.7 | 2.1 | 2.6 | 3.1 | 3.7 | 4.0 | 4.6 | 5 | 5.7 | 6.1 | 7.1 | 90.7 | 91.5 | 70 |
| 110 | 4" | 110 | 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 | 4½" | 125 | 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 | 5" | 140 | 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 | 6" | 160 | 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 | 7" | 180 | 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 | 8" | 200 | 200.6 | 197.6 | 202.4 | 2.9 | 3.4 | 4.6 | 5.3 | 6.8 | 7.9 | 8.9 | 10.3 | 11 | 12.7 | 13.6 | 15.7 | 201.2 | 202.3 | 94 |
| 225 | 9" | 225 | 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 | 10" | 250 | 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 | 11" | 280 | 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 | 12" | 315 | 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 |
| 355 | 14" | 355 | 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 | 357.0 | 358.7 | 124 |
| 400 | 16" | 400 | 401.2 | 395.5 | 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 | 402.2 | 404.1 | 130 |