

'Lotus' Geotechnical & Environmental Products

Let's create a better and safer world..

Kamal Import Exports Inc.

Manufacturer & Exporters of 'Lotus' Geotechnical & Environmental Products

Established with the dedication and ambition to manufacture high quality uPVC Pipes, we **"KAMAL IMPORT AND EXPORTS INC"** have a thirst to excel in this industry. Located just four hours from the main port we are engaged in manufacturing of all types of **'Lotus' PVC Pipes ranging from 19 mm to 400 mm diameter.** In short span we have emerged as a multifaceted, well known & professionally managed company & are taking pride in creating a win – win situation for our clients based worldwide by providing them quality products at competitive prices. Our success is attributable to the dedicated staff & workers who never leave any stone unturned to achieve the unachievable.

Our product range includes a host of pipes for application in a wide range such as **Casing Pipes for Water well, Rising Pipes for water wells, H.D.P.E Pipes, Agricultural Pipes, Drain & Sewerage Pipes, Plumbing Pipes** etc. With state of the art extrusion machines & sophisticated technology with extremely stringent quality standards, we manufacture our products as per international standards confirming to **DIN, ASTM, BS, & IS standards.** We have been exporting 'LOTUS' uPVC Pipes to several countries like UK, Ireland, Tanzania, Israel, Qatar, Ethiopia, Uganda, Namibia, South Africa, Kenya, Angola to name a few.



PVC Casing Pipes

Lotus Rigid Casing PVC (Polyvinyl Chloride) pipes are Manufactured strictly conformity to IS 4985 / IS 13592 / IS 12818, DIN 4925, 8062 ASTM 1785/F480, BS 3505 standard specifications and other international standards and specifications. Our products are used by the local water authorities and are known as the top mark for quality. The granting of the top mark confirms that the company's manufacturing, testing and quality control systems complies with the stringent licensing requirements and thus ensures that the products quality is consistently maintained.

Application

- Geothermal Heating & Cooling Systems.
- Water well casing and water pipe lines for potable water, hand Pumps.
- Plumbing & sanitary.
- Drain, Sewerage, waste & rain water pipes line systems.
- Conduit pipes for Electrification work.
- Industrial, Domestic and Commercial usage in chemical, industrial effluent disposals, water treatment plants
- Many more applications

**Virgin first grade PVC suspension grade.*

'Lotus' Water well casing pipes: Socketed Joints / flush joints with & without Threads and Slots

| RIGID PVC (uPVC) CASING PIPES: PLAIN (BLIND) & SCREEN (SLOTTED/ PERFORATED) WITH MALE – FEMALE THREADS & FLSUH JOINTS: As per International Standards | | | | | | | | |
|---|---------|----------|-------|----------|-------|------------------|------|-----------------------------|
| SR.NO | SIZE OD | OD in MM | | ID in MM | | WALL THKNS In MM | | LENGTHS AVAILABLE IN METERS |
| | MM | Min | Max | Min | Max | Min | Max. | |
| 1 | 26 | 26 | 26.2 | 19 | 19.2 | 3.5 | 3.6 | 1/2/3 & 6 |
| 2 | 33 | 33 | 33.5 | 24 | 24.4 | 4.5 | 4.7 | 1/2/3 & 6 |
| 3 | 48 | 48 | 48.2 | 38 | 38.2 | 5 | 5.4 | 1/2/3 & 6 |
| 4 | 60 | 60 | 60.3 | 52 | 52.3 | 4 | 4.4 | 1/2/3 & 6 |
| 5 | 88 | 88 | 88.3 | 80 | 80.4 | 4 | 4.4 | 1/2/3 & 6 |
| 6 | 113 | 113 | 113.3 | 103 | 103.5 | 5 | 5.6 | 1/2/3 & 6 |
| 7 | 125 | 125 | 125.4 | 113 | 113.4 | 5.5 | 5.8 | 1/2/3 & 6 |
| 8 | 140 | 140 | 140.4 | 125 | 125.4 | 7.5 | 8.2 | 1/2/3 & 6 |
| 9 | 165 | 165 | 165.4 | 150 | 150.4 | 7.50 | 8.5 | 1/2/3 & 6 |
| 10 | 200 | 200 | 200.5 | 175 | 175.5 | 8.80 | 9.5 | 1/2/3 & 6 |
| 11 | 225 | 225 | 225.5 | 200 | 200.5 | 10.0 | 11.2 | 1/2/3 & 6 |
| 12 | 250 | 250 | 250.6 | 225 | 225.6 | 11.0 | 12.5 | 1/2/3 & 6 |
| 13 | 280 | 280 | 280.6 | 255 | 225.6 | 12.5 | 13.5 | 1/2/3 & 6 |
| 14 | 300 | 300 | 330.6 | 275 | 275.8 | 15 | 16.5 | 1/2/3 & 6 |



**As per DIN 4925, 8062 ASTM 1785/F480, BS 3505*

| CS Grade: Suitable for Wells with depth up to 80 meters : Size- 100 DN to 250 DN | | | | | |
|--|----------------|-------|--------------------------------|----------------|------|
| Nominal Diameter (DN) | Outer Diameter | | Outer Diameter over connection | Wall Thickness | |
| | Min | Max | | Min | Max |
| | IN MM | MM | MM | MM | MM |
| 4 100 | 113.0 | 113.3 | 117.0 | 4.0 | 4.4 |
| 5 125 | 140.0 | 140.4 | 148.0 | 4.9 | 5.4 |
| 6 150 | 165.0 | 165.4 | 174.0 | 5.7 | 6.5 |
| 7 175 | 200.0 | 200.5 | 211.0 | 7.0 | 7.8 |
| 8 200 | 225.0 | 225.5 | 238.0 | 7.6 | 8.8 |
| 10 250 | 280.0 | 280.5 | 292.0 | 9.6 | 11.0 |

| CM Grade: Suitable for Wells with depth above 80 meters & up to 250 meters : Size- 40 DN to 315 DN | | | | | |
|--|----------------|-------|---------------------|----------------|-------|
| Nominal Diameter (DN) | Outer Diameter | | OD over connect-ion | Wall Thickness | |
| | Min | Max | | Min | Max |
| | IN MM | MM | MM | MM | MM |
| 11/2 40 | 48.0 | 48.2 | 52.0 | 3.5 | 4.0 |
| 2 50 | 60.0 | 60.2 | 66.0 | 4.0 | 4.6 |
| 3 80 | 88.0 | 88.3 | 94.0 | 4.0 | 4.6 |
| 4 100 | 113.0 | 113.3 | 120.0 | 5.0 | 5.7 |
| 5 125 | 140.0 | 140.4 | 150.0 | 6.5 | 7.3 |
| 6 150 | 165.0 | 165.4 | 178.0 | 7.5 | 8.5 |
| 7 175 | 200.0 | 200.5 | 215.0 | 8.8 | 9.8 |
| 8 200 | 225.0 | 225.5 | 243.0 | 10.0 | 11.2 |
| 10 250 | 280.0 | 280.5 | 298.0 | 12.5 | 14.0 |
| 12 300 | 330.0 | 330.6 | 352.0 | 14.5 | 16.20 |

HDPE Pipes

'Lotus' HDPE pipes are Manufactured strictly conformity to IS 4984:1995 standard specifications and other leading international standards and specifications. Our products are used by the local water & other government & private sector authorities and are known as the top mark for quality. The granting of the top mark confirms that the company's manufacturing, testing and quality control systems complies with the stringent licensing requirements and thus ensures that the products quality is consistently maintained.



Advantages

- ❖ Light-weight for ease of installation and handling
- ❖ Immunity to corrosion, chemical and micro-biological resistance
- ❖ Flexible
- ❖ High impact strength and toughness
- ❖ Alternative installation techniques possible
- ❖ Our products are examined and tested to ensure to compliance with all the relevant standard specifications. The specified tests are all carried out in our laboratory. They are as follow:-
- ❖ Appearance, dimensions and ovality
- ❖ Hydrostatic strength at 80° C for 165 hours
- ❖ Hydrostatic strength at 80° C for 1000 hours
- ❖ Oxidation Induction Time (OIT)
- ❖ Melt Flow Rate (MFR)

Salient Features of HDPE Pipes:

- ❖ Manufactured as per IS 4984:1995 standards.
- ❖ Pipes are manufactured either in long coils or 6 meter length depending on pipe dimensions and customer requirements.
- ❖ Best quality pipes at most reasonable prices.
- ❖ Pipes that meet your needs.
- ❖ Special customer requirements are accepted.

Sizes Available (Outer Diameters in MM): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450 & 500 mm

Available Material Grades: PE 63, PE 80 & PE 100.

'Lotus' HDPE Pipes: Technical Specifications and Dimensions for Wall Thickness

A. HIGH DENSITY POLYTHELEN: PIPE DIMENSIONS (GRADE- PE 63)

| Nominal Diameter | PN 2.5 | | PN 4 | | PN 6 | | PN 8 | | PN 10 | | PN 12.5 | | PN 16 | |
|------------------|--------|------|------|------|------|------|------|------|-------|------|---------|------|-------|------|
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| 20 | - | - | - | - | - | - | - | - | 2.3 | 2.8 | 2.8 | 3.3 | 3.4 | 4.0 |
| 25 | - | - | - | - | - | - | 2.3 | 2.8 | 2.8 | 3.3 | 3.4 | 4.0 | 4.2 | 4.9 |
| 32 | - | - | - | - | 2.3 | 2.8 | 3.0 | 3.5 | 3.6 | 4.2 | 4.4 | 5.1 | 5.4 | 6.2 |
| 40 | - | - | 2.0 | 2.4 | 2.8 | 3.3 | 3.7 | 4.3 | 4.5 | 5.2 | 5.5 | 6.3 | 6.7 | 7.6 |
| 50 | - | - | 2.4 | 2.9 | 3.5 | 4.1 | 4.6 | 5.3 | 5.6 | 6.4 | 6.8 | 7.7 | 8.4 | 9.5 |
| 63 | 2.0 | 2.4 | 3.0 | 3.5 | 4.4 | 5.1 | 5.8 | 6.6 | 7.0 | 7.9 | 8.6 | 9.7 | 10.5 | 11.8 |
| 75 | 2.3 | 2.8 | 3.6 | 4.2 | 5.3 | 6.1 | 6.9 | 7.8 | 8.4 | 9.5 | 10.2 | 11.5 | 12.5 | 14.0 |
| 90 | 2.8 | 3.3 | 4.3 | 5.0 | 6.3 | 7.2 | 8.2 | 9.3 | 10.0 | 11.2 | 12.2 | 13.7 | 15.0 | 16.7 |
| 110 | 3.4 | 4.0 | 5.3 | 6.1 | 7.7 | 8.7 | 10.0 | 11.2 | 12.3 | 13.8 | 14.9 | 16.6 | 18.4 | 20.5 |
| 125 | 3.8 | 4.4 | 6.0 | 6.8 | 8.8 | 9.9 | 11.4 | 12.8 | 13.9 | 15.5 | 16.9 | 18.8 | 20.9 | 23.2 |
| 140 | 4.3 | 5.0 | 6.7 | 7.6 | 9.8 | 11.0 | 12.8 | 14.3 | 15.6 | 17.4 | 19.0 | 21.1 | 23.4 | 26.0 |
| 160 | 4.9 | 5.6 | 7.7 | 8.7 | 11.2 | 12.6 | 14.6 | 16.3 | 17.8 | 19.8 | 21.7 | 24.1 | 26.7 | 29.6 |
| 180 | 5.5 | 6.3 | 8.6 | 9.7 | 12.6 | 14.1 | 16.4 | 18.3 | 20.0 | 22.2 | 24.4 | 27.1 | 30.0 | 33.2 |
| 200 | 6.1 | 7.0 | 9.6 | 10.8 | 14.0 | 15.6 | 18.2 | 20.3 | 22.3 | 24.8 | 27.1 | 30.1 | 33.4 | 37.0 |
| 225 | 6.9 | 7.8 | 10.8 | 12.1 | 15.7 | 17.5 | 20.5 | 22.8 | 25.0 | 27.7 | 30.5 | 33.8 | 37.5 | 41.5 |
| 250 | 7.6 | 8.6 | 12.0 | 13.4 | 17.5 | 19.5 | 22.8 | 25.3 | 27.8 | 30.8 | 33.8 | 37.4 | 41.7 | 46.1 |
| 280 | 8.5 | 9.6 | 13.4 | 15.0 | 19.6 | 21.8 | 25.5 | 28.3 | 31.2 | 34.6 | 37.9 | 41.9 | 46.7 | 51.6 |
| 315 | 9.6 | 10.8 | 15.0 | 16.7 | 22.0 | 24.4 | 28.7 | 31.8 | 35.0 | 38.7 | 42.6 | 47.1 | 52.5 | 58.0 |
| 355 | 10.8 | 12.1 | 17.0 | 18.9 | 24.8 | 27.5 | 32.3 | 35.8 | 39.5 | 43.7 | 48.0 | 53.0 | 59.2 | 65.4 |
| 400 | 12.2 | 14.3 | 19.1 | 22.2 | 28.0 | 32.4 | 36.4 | 42.1 | 44.5 | 51.4 | 54.1 | 62.5 | - | - |
| 450 | 13.7 | 16.0 | 21.5 | 25.9 | 31.4 | 36.4 | 41.0 | 47.4 | 50.0 | 57.7 | - | - | - | - |
| 500 | 15.2 | 17.7 | 23.9 | 27.7 | 34.9 | 40.4 | 45.5 | 52.6 | 55.6 | 64.2 | - | - | - | - |



B. HIGH DENSITY POLYTHELEN: PIPE DIMENSIONS (GRADE- PE 80)

| Nominal Diameter | PN 2.5 | | PN 4 | | PN 6 | | PN 8 | | PN 10 | | PN 12.5 | | PN 16 | |
|------------------|--------|------|------|------|------|------|------|------|-------|------|---------|------|-------|------|
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| 20 | - | - | - | - | - | - | - | - | - | - | 2.3 | 2.8 | 2.8 | 3.3 |
| 25 | - | - | - | - | - | - | - | - | 2.3 | 2.8 | 2.8 | 3.3 | 3.5 | 4.1 |
| 32 | - | - | - | - | - | - | 2.4 | 2.9 | 3.0 | 3.5 | 3.6 | 4.2 | 4.5 | 5.2 |
| 40 | - | - | - | - | 2.3 | 2.8 | 3.0 | 3.5 | 3.7 | 4.3 | 4.5 | 5.2 | 5.6 | 6.4 |
| 50 | - | - | 2.3 | 2.8 | 2.9 | 3.4 | 3.8 | 4.4 | 4.6 | 5.3 | 5.6 | 6.4 | 6.9 | 7.8 |
| 63 | - | - | 2.5 | 3.0 | 3.6 | 4.2 | 4.7 | 5.4 | 5.8 | 6.6 | 7.0 | 7.9 | 8.7 | 9.8 |
| 75 | - | - | 2.9 | 3.4 | 4.3 | 5.0 | 5.6 | 6.4 | 6.9 | 7.8 | 8.4 | 9.5 | 10.4 | 11.7 |
| 90 | 2.3 | 2.8 | 3.5 | 4.1 | 5.1 | 5.9 | 6.7 | 7.6 | 8.2 | 9.3 | 10.0 | 11.2 | 12.5 | 14.0 |
| 110 | 2.7 | 3.2 | 4.3 | 5.0 | 6.3 | 7.2 | 8.2 | 9.3 | 10.0 | 11.2 | 12.3 | 13.8 | 15.2 | 17.0 |
| 125 | 3.1 | 3.7 | 4.9 | 5.6 | 7.1 | 8.1 | 9.3 | 10.5 | 11.4 | 12.8 | 13.9 | 15.5 | 17.3 | 19.3 |
| 140 | 3.5 | 4.1 | 5.4 | 6.2 | 8.0 | 9.0 | 10.4 | 11.7 | 12.8 | 14.3 | 15.6 | 17.4 | 19.4 | 21.6 |
| 160 | 4.0 | 4.6 | 6.2 | 7.1 | 9.1 | 10.3 | 11.9 | 13.3 | 14.6 | 16.3 | 17.8 | 19.8 | 22.1 | 21.6 |
| 180 | 4.4 | 5.1 | 7.0 | 7.9 | 10.2 | 11.5 | 13.4 | 15.0 | 16.4 | 18.3 | 20.0 | 22.2 | 24.9 | 27.6 |
| 200 | 4.9 | 5.6 | 7.7 | 8.7 | 11.4 | 12.8 | 14.9 | 16.6 | 18.2 | 20.3 | 22.3 | 24.8 | 27.6 | 30.6 |
| 225 | 5.5 | 6.3 | 8.7 | 9.8 | 12.8 | 14.3 | 16.7 | 18.6 | 20.5 | 22.8 | 25.0 | 27.7 | 31.1 | 34.5 |
| 250 | 6.1 | 7.0 | 9.7 | 10.9 | 14.2 | 15.9 | 18.6 | 20.7 | 22.8 | 25.3 | 27.8 | 30.8 | 34.5 | 38.2 |
| 280 | 6.9 | 7.8 | 10.8 | 12.1 | 15.9 | 17.7 | 20.8 | 23.1 | 25.5 | 28.3 | 31.2 | 34.6 | 38.7 | 42.8 |
| 315 | 7.7 | 8.7 | 12.2 | 13.7 | 17.9 | 19.9 | 23.4 | 26.0 | 28.7 | 31.8 | 35.0 | 38.7 | 43.5 | 48.1 |
| 355 | 8.7 | 9.8 | 13.7 | 15.3 | 20.1 | 22.4 | 26.3 | 29.2 | 32.3 | 35.8 | 39.5 | 43.7 | 49.0 | 54.1 |
| 400 | 9.8 | 11.5 | 15.4 | 18.0 | 22.7 | 26.4 | 29.7 | 34.4 | 36.4 | 42.1 | 44.5 | 51.4 | 55.2 | 63.7 |
| 450 | 11.0 | 12.9 | 17.4 | 20.3 | 25.5 | 29.6 | 33.4 | 38.7 | 41.0 | 47.4 | 50.0 | 57.7 | - | - |
| 500 | 12.2 | 14.3 | 19.3 | 22.4 | 28.4 | 32.9 | 37.1 | 42.9 | 45.5 | 52.6 | 55.6 | 64.2 | - | - |

C. HIGH DENSITY POLYTHELEN: PIPE DIMENSIONS (GRADE- PE 100)

| Nominal Diameter | PN 6 | | PN 8 | | PN 10 | | PN 12.5 | | PN 16 | |
|------------------|------|------|------|------|-------|------|---------|------|-------|------|
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| 20 | - | - | - | - | - | - | - | - | 2.3 | 2.8 |
| 25 | - | - | - | - | - | - | 2.3 | 2.8 | 2.9 | 3.4 |
| 32 | - | - | - | - | 2.4 | 2.9 | 2.9 | 3.4 | 3.7 | 4.3 |
| 40 | - | - | 2.4 | 2.9 | 3.0 | 3.5 | 3.7 | 4.3 | 4.6 | 5.3 |
| 50 | 2.3 | 2.8 | 3.0 | 3.5 | 3.7 | 4.3 | 4.6 | 5.3 | 5.7 | 6.5 |
| 63 | 2.93 | 3.4 | 3.8 | 4.4 | 4.7 | 5.4 | 5.7 | 6.5 | 7.1 | 8.1 |
| 75 | 3.5 | 4.1 | 4.5 | 5.2 | 5.6 | 6.4 | 6.8 | 7.7 | 8.5 | 9.6 |
| 90 | 4.1 | 4.8 | 5.4 | 6.2 | 6.7 | 7.6 | 8.2 | 9.3 | 10.2 | 11.5 |
| 110 | 5.0 | 5.7 | 6.6 | 7.5 | 8.1 | 9.2 | 10.0 | 11.2 | 12.4 | 13.9 |
| 125 | 5.7 | 6.5 | 7.5 | 8.5 | 9.2 | 10.4 | 11.3 | 12.7 | 14.1 | 15.8 |
| 140 | 6.4 | 7.3 | 8.4 | 9.5 | 10.3 | 11.6 | 12.7 | 14.2 | 15.8 | 17.6 |
| 160 | 7.3 | 8.3 | 9.6 | 10.8 | 11.8 | 13.2 | 14.5 | 16.2 | 18.1 | 20.2 |
| 180 | 8.2 | 9.3 | 10.8 | 12.1 | 13.3 | 14.9 | 16.3 | 18.2 | 20.3 | 22.6 |
| 200 | 9.1 | 10.3 | 12.0 | 13.4 | 14.8 | 16.5 | 18.1 | 20.2 | 22.6 | 25.1 |
| 225 | 10.3 | 11.6 | 13.5 | 15.1 | 16.6 | 18.5 | 20.4 | 22.7 | 25.4 | 28.2 |
| 250 | 11.4 | 12.8 | 15.0 | 16.7 | 18.4 | 20.5 | 22.6 | 25.1 | 28.2 | 31.3 |
| 280 | 12.8 | 14.3 | 16.8 | 18.7 | 20.6 | 22.9 | 25.3 | 28.1 | 31.6 | 35.0 |
| 315 | 14.4 | 16.1 | 18.9 | 21.0 | 23.2 | 25.8 | 28.5 | 31.6 | 35.5 | 39.3 |
| 355 | 16.2 | 18.1 | 21.2 | 23.6 | 26.2 | 29.1 | 32.1 | 35.6 | 40.0 | 44.2 |
| 400 | 18.2 | 21.2 | 23.9 | 27.7 | 29.5 | 34.2 | 36.2 | 41.9 | 45.1 | 52.1 |
| 450 | 20.5 | 23.8 | 26.9 | 31.2 | 33.1 | 38.3 | 40.7 | 47.1 | 50.8 | 58.7 |
| 500 | 22.8 | 26.5 | 29.6 | 34.6 | 36.8 | 42.6 | 45.2 | 52.2 | 56.4 | 65.1 |





Lotus DTH Hammers

The 'Lotus' Hammers are heavy duty and are available in sizes range of **3.5" to 10"** diameters.

Models:

1. **Lotus DTH Hammers Valve-Less FF Fast Forward Series** – Size Range: 6" & 8"
2. **Lotus QL Shank Hammers (IR QL Series)** – Size Range: 4", 6" & 8".
3. **Lotus DHD Shank Hammers** – Size Range: 3.5" to 10"
4. **Lotus SD Shank Hammers** – Size Range: 3.5" to 10"
5. **Lotus COP Shank Hammers** – Size Range: 4" to 8"



Lotus Button Bits

'Lotus' – DTH (down the hole) **Button Bits** are available in different sizes ranging from **3" to 14"** to suit different application for all leading and popular international brand DTH Hammer with all shanks.

Lotus Button Bits – Size Range: 4" to 14" – Flat face, Concave face & Convex face designs & button configurations



Steel Tooth Tricone Rock Bits

As per API standards and specifications:

Open Bearing

Bit Size: 2 7/8" with N Rod to 17 1/2" for SOFT / MED / HARD formation.

API PIN Connection: N Rod (4 TPI) or AW to 6 5/8" or 7 5/8" Reg.

Sealed Bearing

Bit Size: 6 1/4", 8 1/2", 12 1/4" & 17 1/2" for SOFT / MED / HARD formation.

API PIN Connection: 3 1/2" Regular to 6 5/8" or 7 5/8" Regular



TCI Tricone Rock Bits

As per API standards and specifications:

Open Bearing

Bit Size: 4 3/4" to 17 1/2" for SOFT / MED / HARD formation.

API PIN Connection: 2 7/8" Regular to 6 5/8" or 7 5/8" Regular

Sealed Bearing

Bit Size: 6 1/4", 8 1/2", 12 1/4" & 17 1/2" for SOFT / MED / HARD formation.

API PIN Connection: 3 1/2" Regular to 6 5/8" or 7 5/8" Regular

Geothermal Supplies: For Application in Geo Thermal Energy Installations

We can supply materials for use in Geo Thermal Heating system installation as per the needs and requirements on individual clients against their specifications and samples with suitable quantities.

Rubber Bungs



Rubber bungs are available in all sizes with 1 centre Hole, 2 centre holes & flat

Sizes Available

| Sr.No | Bottom (mm) | Top (mm) | Height (mm) | Center hole (mm) |
|-------|-------------|----------|-------------|------------------|
| 1 | 13 | 16 | 24 | 5 |
| 2 | 19 | 22.5 | 28 | 5 |
| 3 | 21 | 24.5 | 28 | 5 |
| 4 | 27 | 31 | 32 | 5 |
| 5 | 33 | 38.5 | 37.5 | 5 |
| 6 | 49 | 55 | 45 | 5 |
| 7 | 49 | 55 | 42 | 5 |
| 8 | 71 | 78 | 49 | 5 |
| 9 | 75 | 85 | 54 | 5 |
| 10 | 92 | 102 | 54 | 5 |
| 11 | 99 | 109 | 54 | 5 |

'Lotus' PVC Clear Rigid PVC Pipe as per ASTM - Schedule 40 and Schedule 80



Sizes Available

| Sr. No | Description |
|--------|---|
| 1 | 1" Clear Rigid Schedule 40 PVC Pipe |
| 2 | 1-1/4" Clear Rigid Schedule 40 PVC Pipe |
| 3 | 1-1/2" Clear Rigid Schedule 40 PVC Pipe |
| 4 | 2" Clear Rigid Schedule 40 PVC Pipe |
| 5 | 2-1/2" Clear Rigid Schedule 40 PVC Pipe |
| 6 | 3" Clear Rigid Schedule 40 PVC Pipe |
| 7 | 4" Clear Rigid Schedule 40 PVC Pipe |
| 8 | 6" Clear Rigid Schedule 40 PVC Pipe |
| 9 | 6" Clear Rigid Schedule 80 PVC Pipe |

Pre-Pak Well Screen



Sizes Available

| Sr. No | Size | Description |
|--------|--------------|---|
| 1 | 1" x 5ft | Pre-Pak Well Screen, 1" x 5' Sch. 40, .010 Slot Flush Threaded Pre-Pak Well Screen With Stainless Steel Outer Jacket |
| 2 | 1-1/2" x 5ft | Pre-Pak Well Screen, 1-1/2" x 5' Sch. 40, .010 Slot Flush Threaded Pre-Pak Well Screen With Stainless Steel Outer Jacket |
| 3 | 1-1/4" x 5ft | Pre-Pak Well Screen, 1-1/4" x 5' Sch. 40, .010 Slot Flush Threaded Pre-Pak Well Screen With Stainless Steel Outer Jacket |
| 4 | 2" x 5ft | Pre-Pak Well Screen, 2" x 5' Sch. 40, .010 Slot Flush Threaded Pre-Pak Well Screen With Stainless Steel Outer Jacket |

Plastic Net & Socks for filter pipes

Plastic Net



Sizes Available

| Sr.No | To Fit Diameter | Roll Length | Colour |
|-------|-----------------|-------------|---------------|
| 1 | 10-15 mm | 25 mtr | Red |
| 2 | 15-30 mm | 25 mtr | PO Red |
| 3 | 30-40 mm | 25 mtr | Orange |
| 4 | 40-50 mm | 25 mtr | Brown |
| 5 | 50-65 mm | 25 mtr | White |
| 6 | 65-80 mm | 25 mtr | Grey |
| 7 | 80-105 mm | 25 mtr | Yellow |
| 8 | 105-130 mm | 25 mtr | Blue |
| 9 | 130-200 mm | 25 mtr | Ivory |
| 10 | 200-300 mm | 25 mtr | Blue |
| 11 | 300-375 mm | 25 mtr | Golden Yellow |

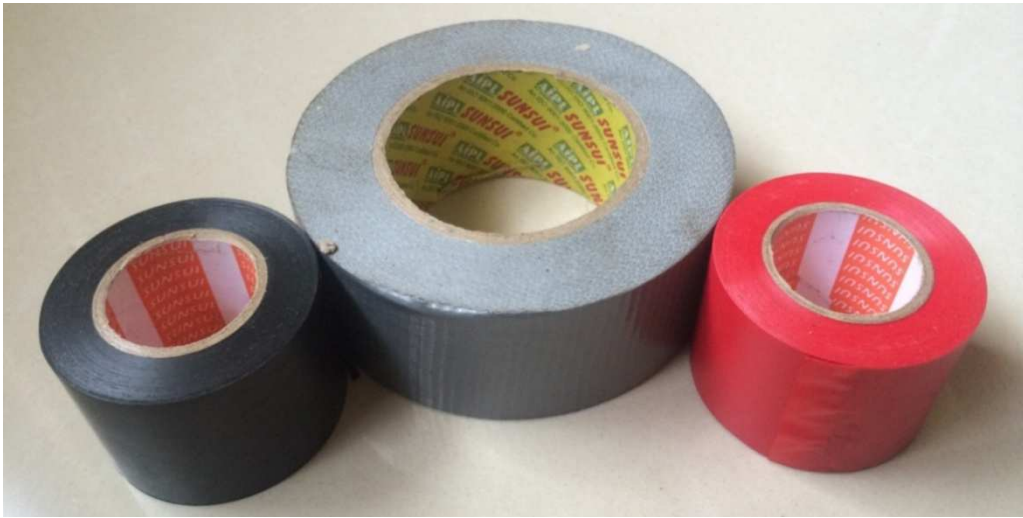
Geothermal Socks



Sizes Available

| Sr.No | Size (Dia) | Roll Length | Colour |
|-------|------------|-------------|--------|
| 1 | 20 mm | 50 mtr | White |
| 2 | 50 mm | 50 mtr | White |
| 3 | 80 mm | 50 mtr | White |
| 4 | 100 mm | 50 mtr | White |

Adhesive Tapes



Available for ½" to 4" width Rolls.

Mini Ball Valves with BSP Hose Nipples

We are manufacturing Good Quality, Leakage and Corrosion Free **Mini Ball Valves** in various sizes. It is very small but Good Quality Raw Material, Sufficient Thread Length & Wall Thickness makes it failure free & useful product.



Mini Ball Valve (Male x Female)



Mini Ball Valve (Female x Female)



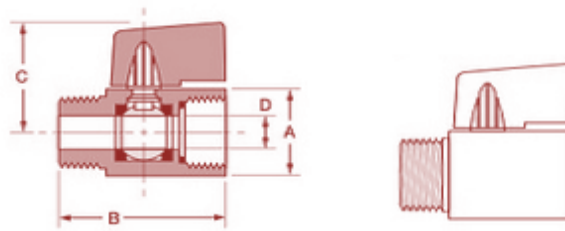
Materials of Construction

- 1) Body: Nickel Plated Hot Pressed Brass
- 2) Handle: Black Colour Powder Coated Aluminium
- 3) Ball: Hard Chrome Plated Hot Pressed Brass
- 4) Stem & Stop: Hot Pressed Brass
- 5) Seal (Seat): Teflon (P.T.F.E.)
- 6) O-Ring: N.B.R.
- 7) Screw: Nickel Plated Iron

Technical Features:

- 1) Application: Air / Water / Oil / Fuel ...etc
- 2) Working Pressure: 10KG / 150 LBS
- 3) Working Temperature: -30°C to 80°C
- 4) Type: Reducing Port
- 5) Available Sizes: 1/8", 1/4", 3/8" & 1/2"

Mini Ball Valve Male x Female (MBV-MF)

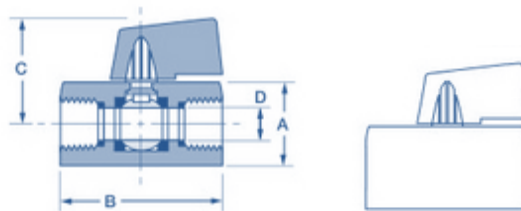


| PART NO. | PIPE THREAD | A HEX | B | C | FLOW DIA. D | THREAD LENGTH |
|----------|----------------|-------|----|------|----------------|------------------|
| MBV-MF-1 | 1/8 | 17 | 38 | 26.5 | 6 | 10 |
| MBV-MF-2 | 1/4 | 17 | 38 | 26.5 | 6 | 10 |
| MBV-MF-3 | 3/8 | 20 | 42 | 28 | 8 | 10.5 |
| MBV-MF-4 | 1/2 | 24 | 48 | 30 | 10 | 12 |
| MBV-MF-6 | 3/4 | 30 | 54 | 33 | 14 | 13 |

All threads are in BSP.

All dimensions are in mm.

Mini Ball Valve Female x Female (MBV-FF)



| PART NO. | PIPE THREAD | A HEX | B | C | FLOW DIA. D | THREAD LENGTH |
|----------|----------------|-------|----|------|----------------|------------------|
| MBV-FF-1 | 1/8 | 17 | 38 | 26.5 | 6 | 10 |
| MBV-FF-2 | 1/4 | 17 | 38 | 26.5 | 6 | 10 |
| MBV-FF-3 | 3/8 | 20 | 42 | 28 | 8 | 10.5 |
| MBV-FF-4 | 1/2 | 24 | 48 | 30 | 10 | 12 |
| MBV-FF-6 | 3/4 | 30 | 54 | 33 | 14 | 13 |

All threads are in BSP.

All dimensions are in mm.

Push On Caps, Solid Caps



Manufactured and supplied against specific requirements in all sizes, diameters & Columns

Well Security Covers



Supplied as per
Individual
requirements of
clients

Well Locking Plugs



Sizes Available

| S.No | Current Sizes Available | Pipe | To Fit to Pipe |
|------|-------------------------|------|----------------|
| 1 | 1" | 1" | Schedule 40 |
| 2 | 1 ¼" | 1 ¼" | Schedule 40 |
| 3 | 1 ½" | 1 ½" | Schedule 40 |
| 4 | 2" | 2" | Schedule 40 |

Well Guard Cover (above ground)



Bentonite Bags of Drilling API grades in power, lumps and pellet forms



Available in packing
of 50 Kgs in PP bags

Disposal Points & Cutting Shoe



Available in all sizes

Threaded End Caps



Manufactured and supplied with male & female threads suitable and compatible to all sizes of pipes

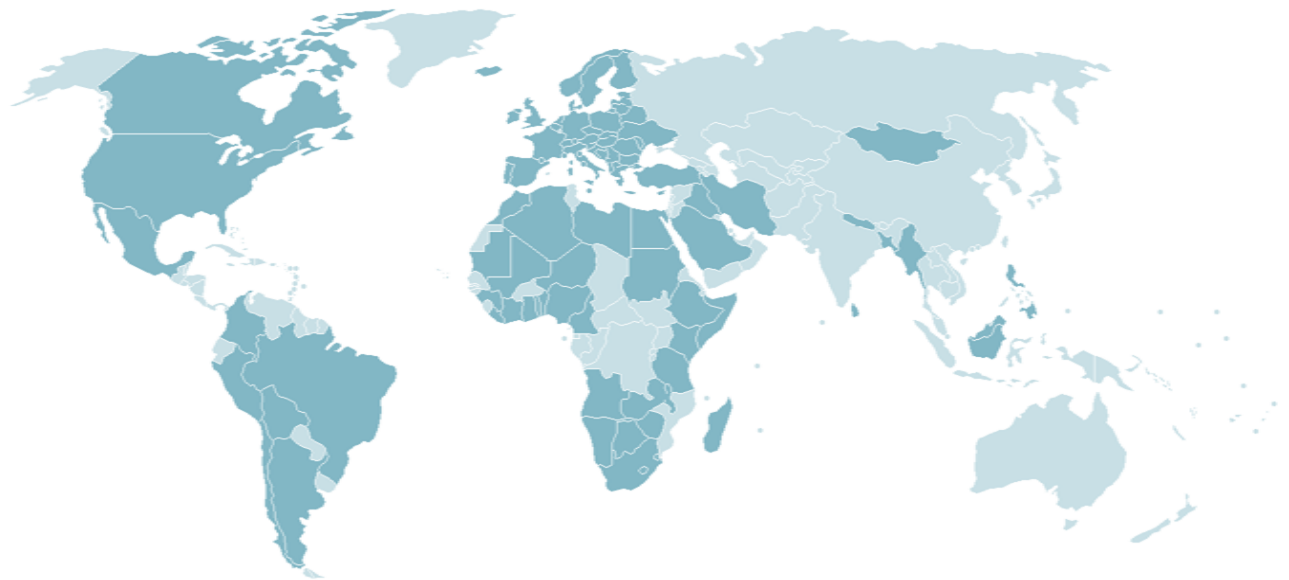
Piezometer Pipes



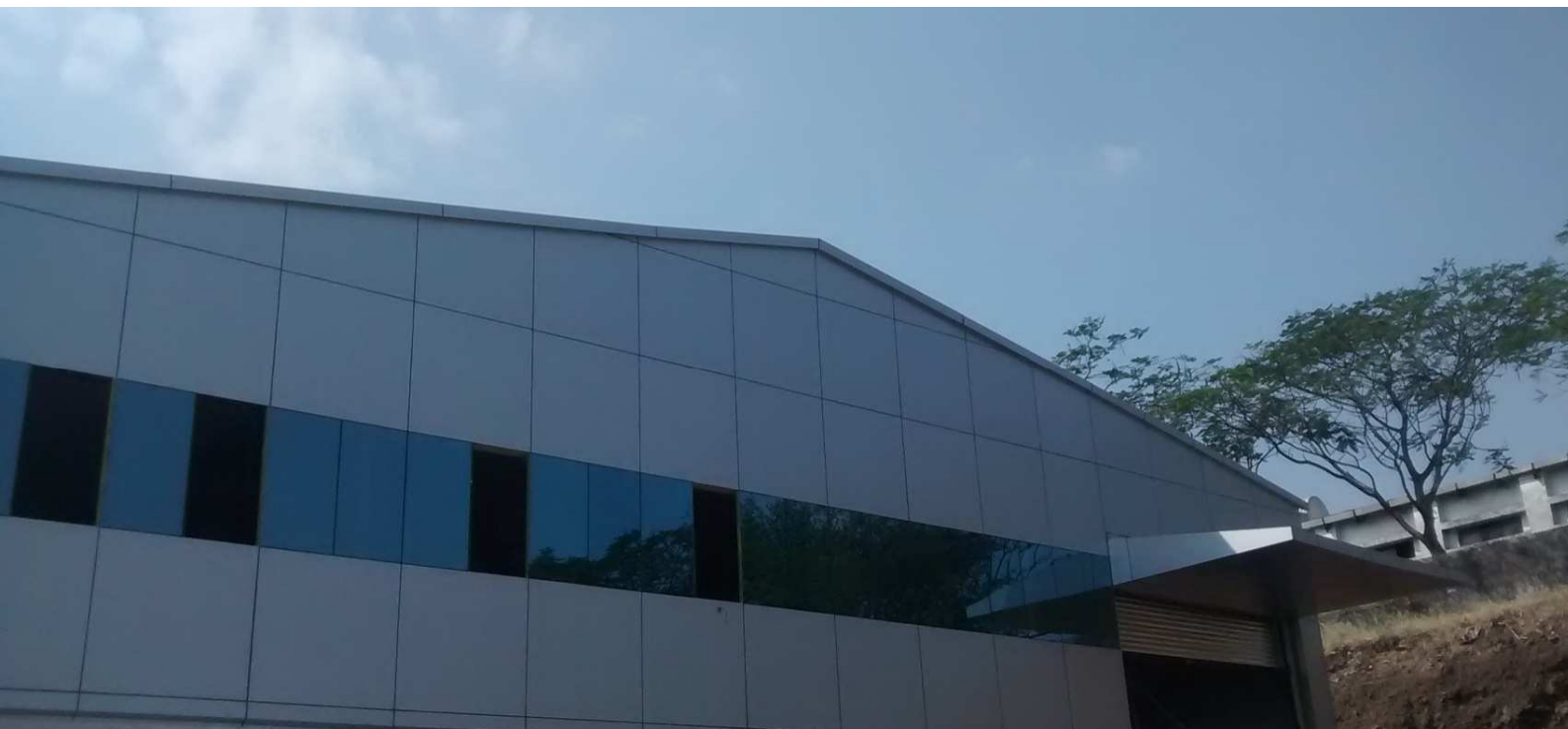
Manufactured and supplied in any size as per client's requirements.







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