

COLUMN PIPES

OVERVIEW

Kothari uPVC lead-free column pipes have added advantages compared to conventional column pipes available today in the Indian market. The product with a unique design has undergone stringent testing under critical conditions to meet or exceed the actual field requirements of products available for similar applications.

Kothari Column pipe are more efficient due to it's unique (ISLS) Impact - sustaining lock system

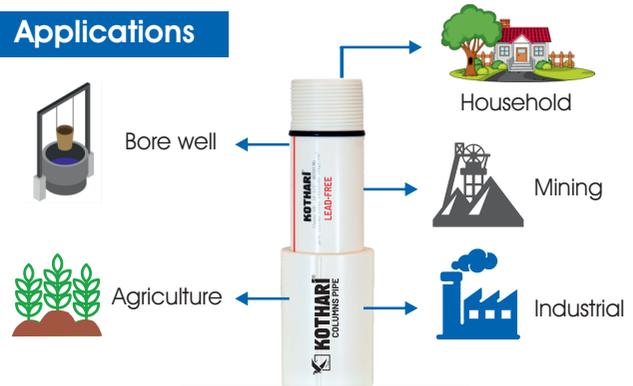
AVAILABLE SIZE - from 1" inch to 4" inch

FEATURES AND BENEFITS

-  Lead Free Pipes & Heavy Metal Free Compound
-  Made from high quality uPVC compound
-  Corrosion Resistant
-  High tensile Strength
-  UV Resistance
-  Leak Free
-  Cost Effective
-  Easy Installation



Applications





U

S

P

Unique Selling Proposition



ISLS LOCK SYSTEM

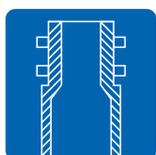
India's First Unique impact Sustaining Locking System.



EPDM RING : Specially designed "O" rings made from EPDM (Ethylene Propylene Diene Monomer) rubber, makes the joints watertight and absorb pump vibrations.



SQUARE THREADS : Unique square threads made on CNC machines provide sufficient grip and additional strength against tensile load. Thus the joint becomes fairly strong and sufficient factor of safety to take care of a load of the entire assembly with pump weight.



THICK & THIN PROCESS : The pipe ends are especially given the effect of additional wall thickness by using the Thick & Thin process to compensate for the strength and load bearing capacity caused due to threading of pipes. The effect of Thick & thin given to all sizes considering the work conditions & load factor.

Technical Specifications :

| Type & Size (OD : Outer Dia) (ND : Nominal Dia) | Breaking Load (kgf) | Safe Pulling Load with Chain Pulley (kgf) | Safe allowable hydrostatic pressure (kg/cm ²) | Safe Total Pump Delivery Head (mtr) | Screen Color |
|---|---------------------|---|---|-------------------------------------|--------------|
| OD : 33 mm (1") DN : 25 mm | | | | | |
| V4-12.5 | 850 | 500 | 12.5 | 125 | ORANGE |
| V4-15 | 1000 | 600 | 15 | 150 | PURPLE |
| Crystal | 1250 | 750 | 21 | 210 | GREEN |
| Standard | 1900 | 1100 | 30 | 300 | RED |
| OD : 42 mm (1 1/4") DN : 32 mm | | | | | |
| V4-12.5 | 1300 | 800 | 12.5 | 125 | ORANGE |
| V4-15 | 1550 | 900 | 15 | 150 | PURPLE |
| Crystal | 1800 | 1050 | 21 | 210 | GREEN |
| Standard | 2550 | 1500 | 25 | 250 | RED |
| Heavy | 3100 | 1800 | 30 | 300 | BLUE |
| OD : 48 mm (1 1/2") DN : 40 mm | | | | | |
| V4-15 | 2000 | 1200 | 15 | 150 | PURPLE |
| Crystal | 2500 | 1500 | 21 | 210 | GREEN |
| Standard | 2950 | 1700 | 26 | 260 | RED |
| Heavy | 4050 | 2350 | 35 | 350 | BLUE |
| OD : 60 mm (2") DN : 50 mm | | | | | |
| Medium | 2450 | 1450 | 13 | 130 | ORANGE |
| Ko Standard | 3400 | 1900 | 19 | 165 | PINK |
| Standard | 3600 | 2100 | 20 | 200 | RED |
| Ko Heavy | 4300 | 2400 | 24 | 225 | DARK BROWN |
| Heavy | 4700 | 2800 | 27 | 270 | BLUE |
| Super Heavy | 5600 | 3350 | 35 | 350 | BLACK |
| OD : 75 mm (2 1/2") DN : 65 mm | | | | | |
| Medium | 3100 | 1800 | 10 | 100 | ORANGE |
| Standard | 4650 | 2700 | 16 | 160 | RED |
| Standard Plus | 5900 | 3500 | 21 | 210 | PURPLE |
| Heavy | 7000 | 4200 | 26 | 260 | BLUE |
| OD : 88 mm (3") DN : 80 mm | | | | | |
| Medium | 4450 | 2600 | 11 | 110 | ORANGE |
| Standard | 6800 | 4000 | 17 | 170 | RED |
| Heavy | 9600 | 5650 | 26 | 260 | BLUE |
| OD : 113 mm (4") DN : 100 mm | | | | | |
| Medium | 6800 | 4000 | 10 | 100 | ORANGE |
| Standard | 10000 | 5900 | 15 | 150 | RED |
| Heavy | 16000 | 9350 | 26 | 260 | BLUE |