



**ENSURING
THE
PERFECT
FLOW OF
LIFE**



UTKARSH INDIA LIMITED
(Formerly Utkarsh Tubes & Pipes Limited)



Registered Office:
23A, Netaji Subhas Road, 5th Floor,
Suite No. 22 Kolkata 700 001, India
P: 033 2230 9124/25
F: +91 033 2230 5384
E: info@utkarshindia.in
export@utkarshindia.in

Corporate Office:
Arrjav Square, 95A, Elliot Road,
4th Floor, Kolkata 700 016, India
P: 033 2264 6666/2265 8888

Factory:
NH2, Durgapur Expressway,
P.O. Gurap, Hooghly 712303, India
P: 03213 253996
W: www.utkarshindia.in




Expanding to Global Expectations

Born in India, Utkarsh India Ltd. is a front-running enterprise that spreads aspiring wings to respond to the global demands of life. The company is now operating in six verticals, namely:

- Polymer Products
- Steel Tubes, Pipes & Poles
- Metal Beam Crash Barrier
- High Mast, Polygonal/Conical Poles & Steel Tubular Poles
- Railway Electrification Structures
- Transmission Line Towers & Substation Structures

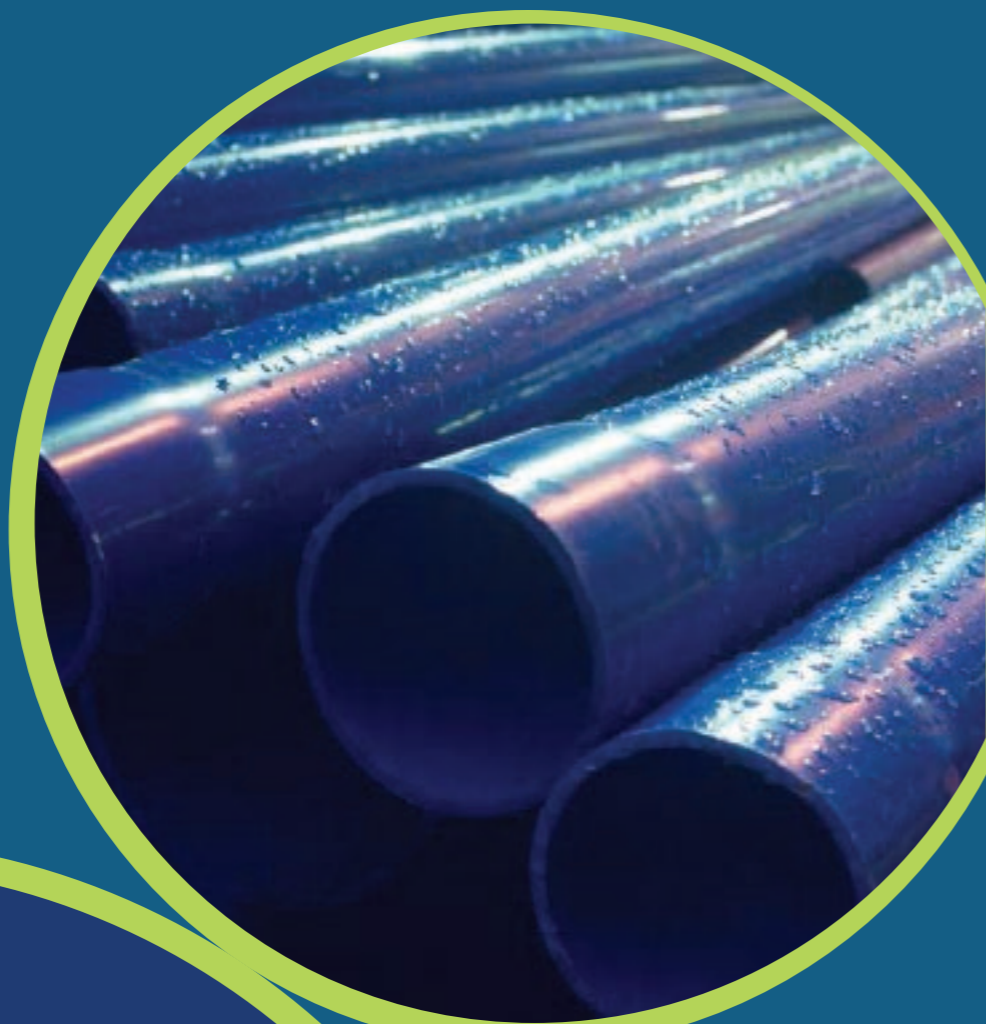
Deeply imbibing the Indian philosophy where 'customer is the king', it's all set to mortgage itself to conquer the confidence of global customers, thus making its dream of emerging as a major global company come true.



UTKARSH INDIA LIMITED is a ₹ 700 Cr. ISO 9001:2015 manufacturing conglomerate having the largest Plumbing Pipes and Fittings production facility in Eastern India. With 40 years of pipe manufacturing experience, we are an established brand in this field. Being a traditional manufacturer of pipes, we offer a rare blend of regular advancement of our products and services, by adapting to the latest technologies available in the world.

We are a large corporate group having interests in manufacturing of uPVC, CPVC, SWR, HDPE and GI pipes and fittings in two state-of-the-art plants located at **Gurap** and **Jangalpur** in West Bengal, with a **capacity of 64,000 MT per annum in Polymer** and **1,44,000 MT per annum in Steel Pipes**. The Plastic Pipe Extrusion and Fittings Injection Moulding facilities at the Gurap plant, Hooghly District, are spread over **an area of 4,73,515 square feet**, the covered area being more than **1,27,820 square feet**.

We, as a company have evolved to become an enterprise that meets the global demands of life with our six major product verticals, namely, Polymer Products, Steel Tubes, Pipes & Poles, Metal Beam Crash Barrier, High Mast, Polygonal/Conical Poles & Steel Tubular Poles, Railway Electrification Structures & Transmission Line Towers & Substation Structures having reached international markets across 20 countries. Within India, we have a very strong presence in the Eastern and Central parts with rapid diversification and expansion to Northern and Southern regions in action.



Mission

To deliver world class products at competitive prices, on demand as well as provide superior service to customers by developing leading-edge solutions in technology and processes, providing opportunities for inclusive growth for our employees, by nurturing human resource, so that all our partners can share the pride of success.

Vision

To be an industry benchmark across all verticals, while becoming the supplier of choice, delivering premium products and services, creating value with our customers and demonstrating high ethical standards.



The Identity

Utkarsh, as the name suggests, is a responsive business house serving the basic demands of life and committed to making the quality of life better. The brand statement 'life demands, we deliver' confers its corporate identity an exalted image reflecting dynamism, capability, commitment, empathy, consistency and continuity. The embedded philosophy is the responsiveness to the ever-changing demands of life. The new logo of Utkarsh, with a bold font represents strength and growth. The dynamic vision of growth with which we have been striding ahead towards the challenges of life is captured in the swoosh. It reflects a more youthful and futuristic image of ours and our strong, sturdy and bold attitude in delivering the best. The green represents 'life and its newer demands,' while the blue reflects technology and corporate commitment. The coming together of these two elements is symbolic of the effective way in which we have been responding to the several requirements of life of with an arsenal of technology and collective corporate dedication.





MD Speaks

We have reached out with brand offerings to global markets, a major step in strengthening leadership status, PAN India.

Dear Friends,

“Growth is the only evidence of life”- a quote by John Henry Newman is something our ideals completely correspond with. Hence, we have transitioned into becoming Utkarsh India Limited from Utkarsh Tubes and Pipes Ltd., widening our horizons into providing infrastructural solutions. And I firmly believe that a nation grows when its infrastructures grow, hence it is a humble step in that direction.

We have been making our way into more lives by providing our services and products at good value. We, at Utkarsh have branched out to different infrastructural arenas like telecom towers, transmission line towers, substation structures, poles and masts for lighting and distribution, road crash barriers, railway electrification structures and polymer products. Empowered with this diversification, Utkarsh India Limited has taken a step further and gone global, aiding in infrastructural development across several countries. This is a distinctly proud step for us as our expertise is helping not only add pace to the infrastructural enhancement of the country, but also contributing to the growth of foreign nations.

In the 40 years of our presence, Utkarsh has been scaling the mountains of success which could not have been achieved without a team of the excellent trekkers, who are our employees. This group of innovative, talented

and passionate young people has brought a modern vision into the organization. A strong, experienced management ensures a smooth flow of the inner-workings quite like our pipes do for our customers. This perfect balance between management and co-workers is what gives Utkarsh its efficiency.

Sticking to our corporate ethos- ‘Life demands, We deliver;’ we bring the strong promise of consistency and reliability ensuring optimum consumer satisfaction. ‘Consumer first’ is the motto that drives us to bring you quality.

We could have never reached out to the world with our products without the worthy associations of our suppliers, distributors and dealers and my gratitude extends to all of them. I firmly believe that Utkarsh, along with all its associates will emerge as the finest infrastructural brand in the recent future.

Regards,

Sunil Bansal
CMD



uFLO: uPVC Lead-free Pipes & Fittings

For lead-free cold water plumbing
application used in residential &
commercial complex



uFlo: uPVC lead-free pipes & fittings

For lead-free cold water plumbing application used in residential & commercial complex

Utkarsh uFlo – uPVC pressure plumbing system is the most suitable, easy and economical solution for transportation and distribution of water. It is technically superior, cost effective and with many other advantages, uFLO uPVC pressure plumbing system is very easy to install and functionally most suitable for lead free cold water plumbing application. This hygienic system is endowed with many good features; uFLO is a value added long time plumbing solution for building industry. Utkarsh, supplying only superior quality products, aims at satisfying domestic & national customers. Utkarsh's view about high technology, quality & advanced product range supported by its state-of-the-art equipment installed at the plant & technical know-how available from the strategic alliance with world leaders in plastic piping technology.

Application:

- Potable water supply systems
- Rising and distribution mains
- Residential & commercial complex/township/high-rise buildings/hospitals & industrial plumbing
- Swimming pools

Other Features:

- Light weight | Hygienic | Suitable for carrying drinking water lead free
- Easy to install, transport and handle
- Leak-proof joints, quick installation
- Excellent chemical and corrosion resistance
- Optimum flow rates, no clogging
- A large range of fittings
- Low on maintenance
- UV resistance

Size range – Pipes and Fittings

Available range:

1. Pipes – ½” to 2” as per ASTM D 1785 Schedule 40 & 80
2. Fitting- ½” to 2” as per ASTM D 2467 Schedule 80

CPVC Plumbing Pipes & Fittings

for hot and cold water application



CPVC plumbing pipes & fittings

For hot and cold water application

Ultimate Solution for Hot & Cold Water Application Pipes are manufactured in Copper Tube Size [CTS] from ½" to 2" with two different standard dimensional ratios SDR- 11 and SDR- 13.5 are made from CPVC Compound. Pipes and fittings are produced as per SDR- 11 meet the requirement of ASTM D 2846 where as the pipes with SDR- 13.5 meet the requirement derived from ASTM F 442, specific to CPVC in Iron Pipe Size (IPS) dimension, which can also be applied to CPVC pipes in CTS dimension. Apart from having the same physical properties, SDR- 11 and SDR- 13.5 have different wall thickness and therefore, at any given temperature, have different pressure rating. Our pipes have maximum service temperature of upto 82°C to 90°C

Certification (BIS) –IS: 15778

IS No: IS 15778: 2007 CM/L No – 5100022966

Type/Size/Grade/Variety covered under licence:

Class 1 (SDR- 11), DN 15mm to 50mm

Class 2 (SDR- 13.5), DN 15mm to 50mm

Application:

Ideal for hot and cold water potable water distribution systems in:

- Individual homes
- Residential buildings
- Apartments and villas
- Office complexes
- Commercial buildings
- Hotels & industries
- Hospitals
- Educational institutes
- Swimming pools



SWR Pipes & Fittings

For sewerage waste water application - soil, waste, rainwater, ventilation

SWR pipes & fittings

For sewerage waste water application- soil, waste, rainwater, ventilation

SWR Pipes & Fittings features:

- Quick & easy installation due to lightweight pipes & fittings
- UV stabilized to ensure lifetime endurance
- Leakproof joints
- Maintenance-free systems
- All pipes & fittings in strict compliance to standards
- Full range of pipes & fittings
- Corrosion & rust proof
- Specially compounded to withstand rugged outdoor installation
- Chemical resistant (especially to most household chemicals) High flow rate with smooth & no scaling or depositions
- Smooth finish to ensure non-choking system
- Suitable for outdoor application
- Designed for long durability & service
- Self-extinguishing
- Attractive steel grey colour

Size range: Pipes & Fittings

Size range: Pipes

- 75mm
- 110mm
- 160mm

Fittings:

75mm: Coupler, Tee, Double Tee, Bend, 45° Bend, Y, Double Y, Clip, Vent Cowl, Reducer, WC Connector, Nahani Trap, Pass Over.

110mm: Coupler, Tee, Double Tee, Bend, 45° Bend, Y, Double Y, Clip,

Vent Cowl, P-Trap, S-Trap, Reducer,

WC Connector, Nahani Trap, Pass Over

160mm: Coupler, Tee, Bend, 45° Bend, Y, Clip

With ISI mark:

Pipes- IS: 13592

Type 'A'- 75mm to 160mm

Type 'B'- 75mm to 315mm

TYPE A - Used for Ventilation & Rainwater System

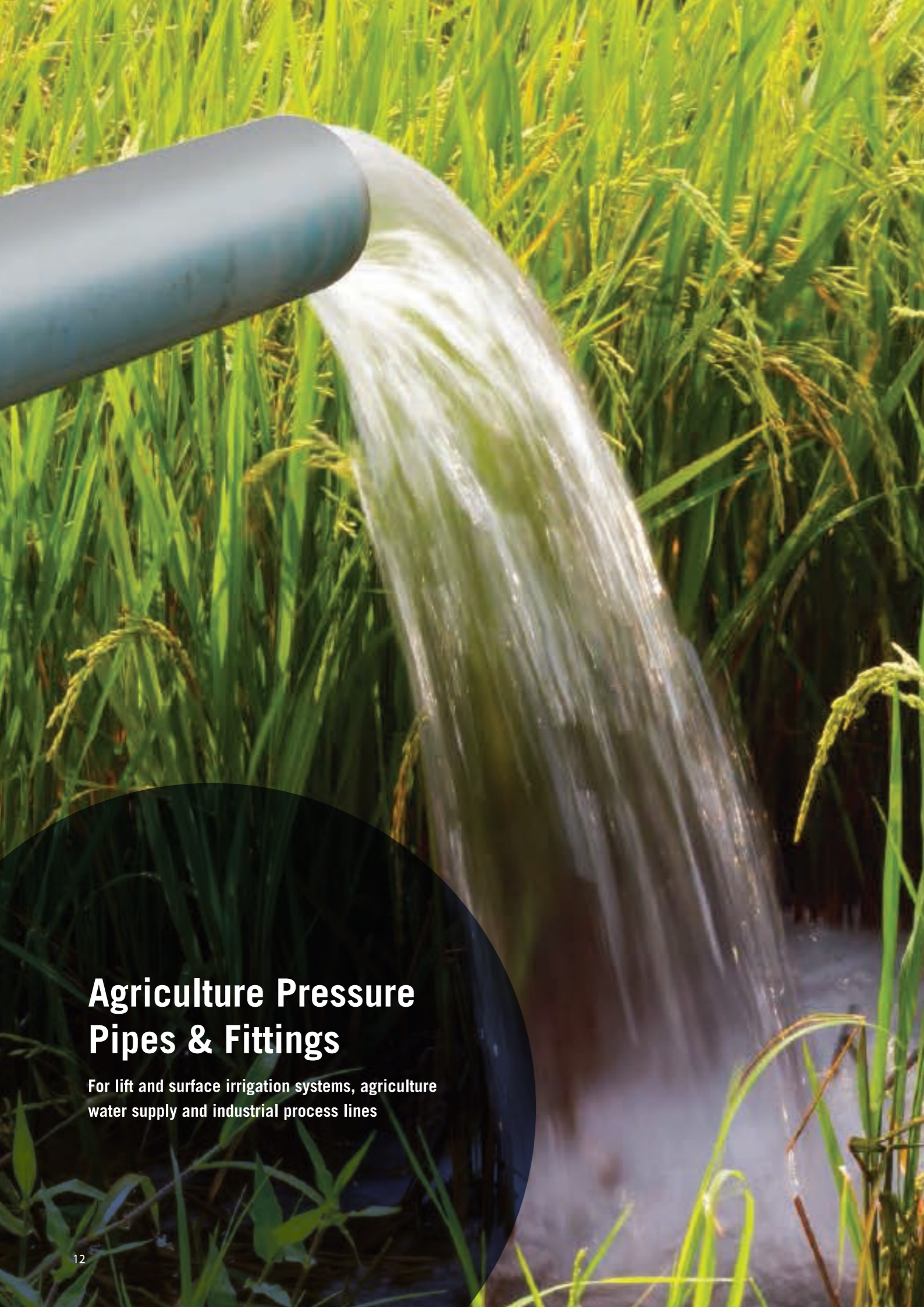
TYPE B - Used for Soil & Waste Discharge System

Moulded Fittings as per - IS:14735

SWR Pipes & Fittings
Powered with
GOLDSEAL

Leak proof Yellow Seal Ring





Agriculture Pressure Pipes & Fittings

For lift and surface irrigation systems, agriculture water supply and industrial process lines



Agriculture Pressure Pipes & Fittings

For lift and surface irrigation systems, agriculture water supply and industrial process lines

Used for transportation of water in potable water supply systems, rising main and distribution lines, lift irrigation systems, surface irrigation systems, agriculture water supply, industrial process lines, swimming pools etc. Pressure pipes are manufactured as per IS 4985:2000 standard and are available in 40mm to 315mm sizes in different pressure class.

Features & Benefits:

- Excellent corrosion and chemical resistance to most acidic and alkaline solutions
- Lightweight
- Easy to handle and transport
- Excellent flow characteristics
- Available as per IS-4985
- Available in sizes from 20mm (VS") to 315mm (12") as per above standards
- Commonly supplied in 6m lengths with plain ends or socketed at one end for solvent cement weld
- Convenient push-fit joints
- Joints accommodate expansion and contraction
- Joints are resistant to soil movement due to earthquake effects

Size Range Pipes:

- Both in Plain & Socket end.
- Class-1 90mm to 315mm
- Class-2 63mm to 315mm
- Class-3 40mm to 315mm
- Class-4 20mm to 315mm
- Class-5 20mm to 315mm

Class of Pipe Colour:

- Class 1 - Red
- Class 2 - Blue
- Class 3 - Green
- Class 4 - Brown
- Class 5 - Yellow

uPVC Column Pipes

For submersible pumps



uPVC Column Pipes For submersible pump

Features and Benefit:

Lightweight: PVC pipes are light in weight hence transportation and installation becomes much easier.

Hygienic: As uPVC is immune to galvanic and electrolytic erosion, both pipe and water passing through it is not affected and hence water is not contaminated.

High flow rate: Mirror-smooth inside surface of pipe and corrosion resistance property prevents scale formation which ensures high flow rate resulting in substantial power saving. They can be installed in all types of acidic or alkaline medium which badly affect metal pipes.

Longer life: Utkarsh pipes are manufactured with latest technology under stringent quality control. Specially imported additives are used for higher strength and trouble free long service life.

High tensile load capacity: Specially designed square threads (male and female) are manufactured to provide smooth fitment/refitment. The design of threads along with the pipe material makes it strong enough to take high tensile loads.

Leakproof joints: The sealing rings are made from best quality rubber which ensures long service life, absorption of pump vibration and leak proof joints.

Overall economy: In addition to the above benefits, Utkarsh column pipes for submersible pumps are much economical to other conventional pipes.

Size range - pipes Available range:

Pipes: The column pipes are available in 1", 1¼", 1½", 2", 2½", 3" and 4" in different classes. Pipes have female belled threads at one end and male threads on the other end and/or with separate coupler. Pipes are available in 3 meter length with square threads fitted with rubber sealing ring at male threaded end.

Design & Testing:

Utkarsh Column Pipes have been specially designed and manufactured under stringent quality standards. They are tested to withstand system load comprising of pump, water and pipe weight with adequate factor of safety, they can withstand considerable shocks and jerk load during operation due to unique design of square threads.





PVC Well Casing Screen Pipes

For deep, medium and shallow borewell

PVC Well Casing Screen Pipes

For deep, medium and shallow borewell

As per IS 12818-2010/ASTM D-1785/DIN 4925

- Appropriate medium for getting clean water from deep and shallow borewell
- Threaded terminals, thus easy to join and economical
- Can be installed even in deep bore well due to good elastic joints
- Rust free, chemical resistant and long lasting
- Non toxic parts ensure unaltered taste of water
- Strong, thus are chances of bore well sinking in the ground
- Weighs five times less than steel pipe. Hence, easy to transport at lesser cost
- Easy to cut and install
- Available in 35mm to 400mm (1 ¼ inch to 16 inch) in CM/CS and also in Sch 40-80-120

Size range - Pipes & Ribbed Strainers Pipes:

Casing Medium (CM) - 40mm (1 ½") to 400mm (16")

Casing Shallow (CS) - 150mm (6") to 200mm (8")

Casing Deep (CD) - 250mm (10") to 400mm (16")

Ribbed Strainers: Ribbed Medium Screen (RMS) - 40mm (1 ½") to 175mm (8")

Applications:

- Use in bore & tube well
- Rising and Distribution Mains
- Residential & Commercial Complex / Township / High rise buildings
- Hospitals & Industrial Plumbing
- Swimming Pools

Tube well Depth

Casing pipes are classified into those suitable for shallow, medium and deep depth wells as under:

- **Casing Shallow (CS) Pipe:** Shallow well casing pipes suitable for well with depths upto 80 meters (262 Ft)
- **Casing Medium (CM) Pipe:** Medium well casing pipes suitable for wells with depths above 80 m and upto 250 meters (820 Ft)
- **Casing Deep (CD) Pipe:** Deep well casing pipe suitable for wells with depths above 250 m and upto 450 meters (1476 Ft)



HDPE Pipes

For potable water supply,
sprinkler irrigation systems
and fluid transportation



HDPE Pipes:

For fluid transportation and sprinkler Irrigation systems, Utkarsh offers total solutions in PE Piping Systems.

Features:

- Light in weight
- Long Life, 50 -100 years
- 'C' value-150 throughout its life
- High ductility & resilience
- Superior flow characteristics
- Mirror-like smooth inner surface
- Leak free & abrasion resistant

Applications:

Infra Sector

- Potable water supply
- House service connections
- Sewerage network
- Chemical transportation

Agricultural Sector

- With submersible/jet pumps
- Mainline/lateral in sprinkler systems
- Sub-soil drainage

Industrial Sector

- Effluent/waste disposal
- Dust suppression systems
- HVAC systems
- Conveyance of corrosive fluids, slurry etc.
- For deployment of underground electrical cables
- Landfill gas and extraction

Offerings:

PE products available in sizes from 20mm to 315mm in PE 63, PE 80 & PE 100 grades conforming to national & international specifications like:

- IS: 4984-2016 for polyethylene pipes for water supplies
- ISO: 4427 for potable water distribution
- EN 12201 for water supply
- IS:14151 (Part I & II) for sprinkler irrigation systems



PLB HDPE Duct

For deployment of optic fiber and copper cables as per TEC/GR/TX/CDS-008/03 MAR -11 (with Amdnt No. 1 dated 25/28, 03, 2013)

PLB HDPE Duct

For deployment of optic fiber and copper cables As per TEC/GR/TX/CDS- 008/03 MAR- 11 (with Amdnt No. 1 dated 25/28, 03, 2013)

Utkarsh Permanently Lubricated HDPE Duct are made from virgin, UV grade HDPE materials and are used for deployment of Optic Fiber and Copper Cables. The ducts are manufactured as per TEC Standards & various international standards. The ducts have superior resistance to natural or mechanical damage. The ducts consist of two concentric layers, the outer layer being HDPE; co-extruded with an inner layer of solid permanent lubricant to reduce the Internal Co-efficient of Friction (ICF).

Advantages:

- Flexible & light in weight
- Faster and easy installation of Optic Fiber cable / Copper Cable with less manpower
- Available in coils
- Reduction in installation cost & time
- Low maintenance and easy future upgradation
- Reduction in number of accessories due to longer lengths of pipes
- Ducts are non-toxic and safe to handle
- Suitable for installing OFC by Blowing Pulling method

Available in sizes with/without rope:

- 32/26mm
- 40/33mm
- 50/42mm