



Turn over to
the Power of Polymer...



PVC well Casing and Screen Pipes

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

- Appropriate medium for getting clean water from deep and shallow bore well.
- Threaded terminals, thus easy to join and economical.
- Can be installed even in deep bore well due to good elasticity of joints.
- Rust free, chemical resistant and long lasting.
- Non toxic parts ensure unaltered taste of water.
- Strong, thus rare 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 40 mm to 200 mm (1 ½ inch to 10 inch) in CM/CS and also in Sch 40-80-120.



uPVC Pressure Pipes

As per IS 4985-2000 / ISO 4422 / DIN 8062 / BS 3505 & 3506

- Very useful in the installation of water supply, irrigation, drainage, factory, sewage lines, piping for chemical industries, breweries, horticulture, green houses, golf courses, playgrounds, power and communication cable ducting.
- Available in 20mm to 315mm OD and 2.5, 4, 6, 10 & 12.5 kg/ cm² pressure.
- Light weight, thus making them easy to transport and install.
- Leak proof.
- Economical compared to other pipes.
- Long life.
- 25% extra flow due to smooth inner surface.
- Available in longer lengths, resulting in minimum joints and lesser expense.
- Rust free nature allows continuous flow.
- One time investment. Years of saving.

uPVC Pipes & Fittings



Direct Action Hand Pump

As per IS 14106 / 1996

- Designed and circulated by UNICEF
- For rural and hilly areas where drinking water is available at shallow level.



uPVC Solvent Cement

As per IS 14182 / 1994

- Available in 25 ml tube to 5 liter jerry cans.
- Seals leakage completely.
- Extremely useful in tropical areas.



SWR Pipes & Fittings

As per IS 13592 / 1992 (Pipes) & IS 14735 / 1999 (Fittings)

- For use in homes, offices, hospitals, industries, railway stations and bus stands.
- Chemical resistant and rust free.
- Fits easily using adaptors as compared to asbestos cement & cast iron pipes easy to install on wall with PVC clips.
- Threaded door caps allow for easier observation and removal of blockage.
- Allows easy flow due to smooth inner surface.
- Available in 75mm, 110mm & 160mm.



Column Pipes

- Can be used for submersible and jet pumps.
- Made of uPVC. Hence very safe.
- Light weight and low maintenance cost.
- Special thread gives good weight carrying capacity.
- 3 meters long, one terminal male and other female.
- Available with CI adaptor and rubber gasket.
- Can be used even for acidic, alkali and sandy water bore wells.
- Easy water flow due to smooth inner surface.
- Rust free, easy to install and low cost of maintenance.
- Hygienic and 100% leak proof.
- Available in sizes from 1 to 4 inches.



U-FLOW uPVC Pressure Plumbing Systems

As per ASTM D 1785 Schedule 40, 80 and 120 (Pipes) & ASTM D 2467 Schedule 80 (Fittings)

- Extremely useful for water connections in buildings, water distribution system, bathroom, kitchen, industrial and commercial buildings
- Rust free nature allows bore diameter to remain unaffected.
- Light weight thus easy to transport and install.
- Fire proof, long lasting and requires less maintenance.
- Right dimensions and safe threads determine leak proof joints.
- Can withstand up to 60°C temperature when flow is continuous.
- Safe for potable water supply. Very safe for plumbing and sanitary usage.
- Pipes available in 15mm to 100 mm (½ inch to 4 inch) size and as per standard sch. 40, 80 and 120
- Fittings available in 15mm to 50 mm (½ inch to 2 inch) size and as per standard sch. 80



धारा - uPVC Agri Pipe Fittings

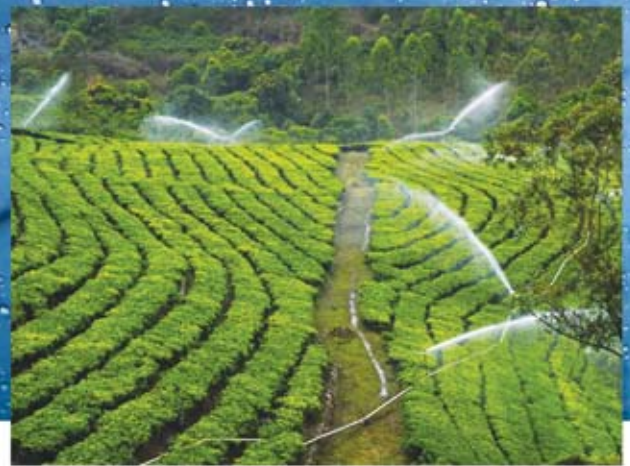
As Per IS : 7834/87 (Fittings)

- Lightweight, Inert to chemicals
- Smooth internal surface
- Non - flammable
- Non - conductive
- Rodent repellent
- High impact strength
- User - friendly
- Choice of various pressure ratings (Class 2, 3, 5)
- Used for Agriculture, Irrigation systems, Water distribution systems, Industrial water circulation systems, Air ducting, Aqua culture
- Available in 20mm to 315mm



CPVC Plumbing System

- Used for hot and cold potable water flow in Residential Buildings, Commercial Buildings, Hotels, Educational Institutions, Swimming Pools etc. that require hygienic and uncontaminated supply of water.
- Better chemical and heat resistant properties & lower thermal expansion & conductivity when compared to other thermoplastic materials and can withstand temperatures upto 82°C easily.
- Natural immunity to scaling, corrosion, and have better flame & smoke resistance characteristics. Have a very high flash-ignition temperature and do not sustain burning.
- Have inertness or excellent chemical resistance properties to a wide range of chemicals. Unaffected by chlorinated water, which is essential for safe use in potable water supplies.
- Pipes are available in sizes ranging from 15 mm (1/2") to 110 mm (4") in diameter in ASTM - D1784 SDR11 & SDR 13.4 specs. Certified by IS Standard (IS : 15778). All Fittings are manufactured in ASTM - D2846 SDR 11 specs.



PE for Water Transportation

- Manufactured from virgin pipe grade raw materials (PE 63, PE 80 & PE 100)
- Excellent Slow Crack Growth Resistance properties
- Superior hydrostatic strength and durability for long life
- Outstanding flexibility and crush resistance
- Abrasion resistant.
- Corrosion and chemical resistant. Inert to most acidic & alkaline solutions.
- Smooth inside wall minimizes frictional losses
- Excellent flexibility combined with strength.
- Non-toxic. Safe for potable water. Does not support microbial growth, eliminating tuberculation.
- Available in coils also for lower diameters.
- Used for Irrigation, Raw water rising mains, Potable Water supply, House service connections, Sea / River Water Intake & Outfall pipelines, De-watering, sand stowing and slurry transportation in mines, Dust suppression piping systems
- Conveyance of edible oils, fruit pulp, milk and other food materials.
- Manufactured from 20mm to 315mm sizes at various ratings ranging from 2.5 to 16 kgf/cm²



PE Sprinkler Systems

As Per IS : 14151 (Part 1 & Part 2)

- Superior strength and durability, yet flexible and light weight
- Highly resistant to chemicals, corrosion, abrasion, fatigue, and seismic disturbances
- No weak joints to leak or break
- No formation of scales / rusts hence longer Pump life
- Easy to install & dismantle
- Entire range of fittings
- Maximum yield at lower cost
- Significant overall cost savings
- HDPE Sprinkler pipes are manufactured
- Available both for High Pressure Applications & Agronomy Crops
- Available in sizes ranging from 50mm to 200mm outer diameter and pressure rating from class I to IV, i.e. PN 2.5 PN 3.2 PN 4.0 PN 6.0 (Part I & II) with complete range of fittings.



Upcoming Product Line



PE for GAS

As Per IS 14885 / ISO: 4437

- Natural Gas / Vaporized LPG Conveyance and Distribution.
- City Gas Distributions Systems and CBM Gas Gathering Systems.
- Industrial Gases Distribution.
- Landfill Gas Extraction and Conveyance.
- UTKARSH Gas Pipe are suitable for Gas distribution network both for domestic & industrial consumption.
- PE - 100 SDR 7 & 9 are suitable for use in cross country gas conveyance pipeline systems.
- Manufactured from virgin high performing special grade raw material PE - 80 & PE - 100.
- Excellent SCGR (Slow Crack Growth Resistance) properties.
- State-of-the art machinery producing high quality pipes.
- Minimum required strength (MRS) of 8 MPa & 10 MPa.
- 50, 100 and 150m coils up to size 90mm.
- 6m length on all sizes from 110mm. Specification conforming to IS-14885 & ISO 4437 - SDR17.6, 13.6, 11 & 9.
- Light weight and flexible. Ease of handling and jointing leading to reduced cost.
- Easy repair in the event of damage.
- Very low maintenance cost.
- Very low friction.
- Outstanding ability to withstand Rapid Crack propagation (RCP).
- High resistance to Crack Growth.
- Very high abrasion resistances.
- Size Range from 20mm to 315mm OD.
- Pressure Class from SDR 17.6 to SDR 9.
- PE Grades PE 80 & PE 100.
- Available in Yellow / Orange / Black colours with yellow stripes.

HDPE PLB Duct

- Made from tough High Density Polyethylene (HDPE), the smooth wall duct is flexible and can be worked easily in tight areas.
- The inner surface has smooth co extruded layer of SILICON which reduces friction and facilitates during cable pulling or blowing.
- Performs well in extreme climatic conditions.
- Added economy and versatility with superior resistance to crushing forces, oils, gasoline and other compounds that exist in underground systems.
- Ideal for buried applications, as well as placement in existing conduit.
- Available in a locatable version.
- These ducts are made from UV resistant HDPE granules.
- Multiple colours.
- Custom lengths as per end users requirements.
- PE Ducts conform to BSNL Specification No.TEC/GR/TX/CDS-008/03/Mar.2011 with Amendment No.1.
- Used for Telecommunications, Railways Information Network Computer Networking, Cable Service Providers , Electrical Cabling, FTTX applications etc.
- Available in sizes (OD/ID) : 50/42mm, 40/33mm, 32/26mm & 40/34.2mm.

New Factory at Gurap, West Bengal



UTKARSH 14

sangyabs.com/UTPL.02/14-15



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