



Product Catalogue
Plastics Piping Systems

Leadership Through Enterprise

An acknowledged leader of India's Plastic Industry, The Supreme Industries Ltd. is the pioneer in introducing various path breaking products in the country. The company has a valuable experience in providing innovative products at affordable cost. The group processes over 3,50,000 tonnes of polymers annually and likely to exceed 5,00,000 tonnes by the year 2020-21, volumes that makes it one of the largest polymer convertors in the country.

True to its mantra, **"Yatnam Kuryadanuttamam"**, The Supreme has left no stone unturned to provide advance quality products. Complementing to the powerful manufacturing network, a huge amount of our efforts and resources are invested in innovations, designing of new products, quality and excellent services to give our clients the best experience ever.

Supreme's largest portfolio includes Plastic piping products, Material handling products, Moulded furniture, Industrial moulded products, Protective packaging products, Performance films, Multilayered cross laminated films, Composite cylinders for LPG and Petrochemicals. Plastic piping products form a key part of Supreme's product portfolio. It comprises of pipes and a vast spectrum of fittings totaling around 8500 diverse products. These products helps to cater almost every conceivable need and application requirements in water management, plumbing, drainage, sewerage and sanitation sector.

Today, Supreme products are used by the satisfied customers not just in India but across the globe and the group is connected to every person in one way or the other.

Plastic Piping Division

Supreme is the renowned leader of India's plastic industry having valuable experience in providing innovative and cost-effective piping solution.

The company's objective is to meet the growing needs of its clientele in water, waste management and infrastructure sector through specially developed high performance range of piping products.

Supreme has played vital role in transformation of conventional piping products to advance piping products in the country and termed as **"Trend setters in plastic piping"**.

Supreme is prominently strong and respected name in piping segment and positioned as no.1.

Accreditations and Recognitions



ISO:9001
Quality Management
System



ISO:14001 Environment
Management System, ISO:45001
Occupational Health &
Safety Management Series



Watermark-DWW
AS NZS 1260



Watermark-Pressure
Pipes AS NZS 1477



Fraunhofer Germany
for Acoustic Performance



WRAS-UK
Product Quality Certification



Watermark- PE pipes
AS NZS 4130



No.1 Exporter of India



NSF-USA Product Quality
Certification

... The easy and economical solution

LEAD FREE



Supreme "lead free" aqua Gold high pressure uPVC solvent weld plumbing system is an economical solution for transportation and distribution of potable water and many other applications. This hygienic and cost effective system is not only technically superior to conventional GI piping systems but offers many additional advantages over them. This system is very easy to install and functionally the most suitable for variety of plumbing applications. It has much longer life span besides being cost effective.

Product range

Pipes - 15 to 250mm (½" to 10") sizes in SCH 40 and SCH 80 pressure class as per ASTM D-1785

Fittings - 15 to 200mm (½" to 8") sizes in SCH 80 as per ASTM D-2467 and 15 to 50mm (½" to 2") sizes in SCH 40 as per ASTM D-2466.

(Pressure rating varies from 41.4 to 9.8 kgf/cm² for SCH 40 and 58.6 to 16.1 kgf/cm² for SCH 80 based on pipe size)

Fields of application

This system is designed for normal water application and is an ideal solution for potable water distribution, plumbing and water supply in residential and industrial buildings. It can be used for uptake lines, down take lines and loops on the terrace, water distribution mains, industrial process lines, sugar, paper, distillery industry, concealed pipe work and transportation of corrosive fluids.

FEATURES AND BENEFITS

Strong, resilient and long lasting - This system is highly resilient, tough and durable with high tensile and impact strength. It is also free from weaknesses caused due to rusting, weathering and chemical actions which helps it last considerably longer than GI pipe system.

Mechanical properties - uPVC pipes are relatively more flexible than conventional pipe system. They have adequate tensile strength and even burst strength to withstand the operating pressures encountered in most service conditions within the specified range of temperature for the system. External shocks or impacts that could cause a failure in more rigid materials, can be absorbed by the system.

Excellent chemical and corrosion resistant properties - This material is free from corrosion and has an excellent resistance against many chemicals like strong mineral acids, alkalis, salts as well as to a large number of organic solvents.

Light weight - Being light in weight (1/6th the weight of metal piping), these pipes are easy to handle, transport and install.

Simple and leak proof joints - Jointing can be done speedily

with the special solvent cement supplied by the company which ensures 100% leak proof joints.

Most suitable for carrying potable water - Being non-metallic and made from special compounds, this system is free from corrosion, chemical reactivity and biological effects and hence most suitable for potable water transportation.

Optimum flow rates - A mirror-smooth surface with C-value 150 ensures high flow rate and low frictional losses.

Piping system integrity - Supreme aqua Gold offers a complete range of pipe and fitting products which helps to maintain the integrity of the system.

Maintenance free - Being free from all the demerits of old systems like rusting, pitting, scaling, galvanic or electrolytic corrosion, the Supreme aqua Gold system can rightly boast of being maintenance free.

Overall economy - Maintenance free, long life of a product which is light, can be cut, jointed and installed with little effort saves a huge amount of money over its life time.

... The latest and reliable plumbing system



Supreme Lifeline C-PVC, manufactured using world's best Japanese material and technology, is an ideal solution for hot and cold water usages. This system is one of the best substitutes for GI piping in water supply and distribution and for industrial applications. Choice of raw material and strict quality control in production, gives these products a high degree of reliability which makes Lifeline C-PVC a preferred choice of leading consultants, architects, builders, plumbers and quality conscious people across the country and abroad. This user-friendly and high-performance system is equipped with many outstanding features.

Product range

Pipes - 15 to 50mm (½" to 2") sizes in SDR 11 and SDR 13.5 as per IS:15778. 20 and 25mm (¾" and 1") sizes in SDR 9 as per company standards. 65 to 250mm (2½" to 10") sizes in SCH 40 and SCH 80 as per ASTM F-441.

Fittings - 15 to 50mm (½" to 2") sizes in SDR 11 as per ASTM D-2846 and 20 and 25mm (¾" and 1") sizes in SDR 9 as per company standards. 65 to 200mm (2½" to 8") sizes in SCH 40 and SCH 80 as per ASTM F-438 and F-439 respectively.

Fields of application

Lifeline C-PVC is designed for hot and cold water supply in residential, commercial and public projects, high and low rise buildings, corporate houses and academic institutes, solar heater applications etc. It is suitable for all uptake and down take lines, terrace looping including concealed pipe work applications.

FEATURES AND BENEFITS

High quality and wide range - The system consists of pipes and a wide range of fittings with company manufactured, NSF approved international quality solvent cements, which makes the system complete in all respect.

Excellent resistance to corrosion and chemical attacks - Lifeline is completely free from corrosion and offers excellent resistance to great number of chemicals like strong mineral acids and bases.

Most suitable for carrying potable water - Being free from corrosion and negative biological effects it does not break down even under the harshest water conditions and hence the quality of water never deteriorates.

Light weight, easy and quick assembly - Light weight and simple solvent cement joining methods results in extensive saving on time, labour and costs.

Tough and rigid material - C-PVC has a much higher strength modulus than other thermoplastics used in plumbing applications. Due to its tough and rigid material property,

Lifeline can withstand higher pressures and temperatures. It requires lesser supports with minimum offsets/looping.

Leak proof joints - Jointing with special solvent cement manufactured and supplied by the company ensures 100% leak proof joints.

Low thermal expansion - As co-efficient of thermal expansion is low, expansion due to temperature variations is reduced and hence unsightly snaking of pipes can be avoided.

Superior insulation properties - Lifeline has better insulation properties than metal pipes which reduces heat loss and consequent insulation costs.

Fire resistance - Lifeline C-PVC does not support combustion.

Maintenance free - Being free from rusting, pitting or scaling and galvanic or electrolytic corrosion, maintenance is minimal.

Highly economical in long run - This system is more cost effective than any other plumbing systems in the long run.

... The most reliable plumbing system

IS 15801:2008



CML 7989319



Designed for hot and cold water, Supreme indo green PP-R is the latest and the most suitable system for all plumbing applications. Beside plumbing, this system can also be used for varieties of applications. The specific chemical structure of indo green PP-R provides well balanced mechanical properties and superior long term heat resistance. More importantly, the water flowing through it does not have any negative biological effects and hence remains most hygienic. Thus, signifying its quality, performance and suitability for potable water application. The system has been in use for more than 25-30 years in Europe, Gulf, China and Russia and gained good acceptance across the world.

Product range

Pipes - 20 to 160mm sizes in SDR 11 (PN 10), SDR 7.4 (PN 16) and SDR 6 (PN 20) pressure class as per IS 15801

Fittings - 20 to 160mm sizes in PN 20 or PN 25 as per ISO 15874

Fields of application

Indo green PP-R is designed for hot and cold water supply in residential, industrial, commercial and public projects, solar heater applications, drinking water and liquid foods, watering systems for greenhouses and gardens, transportation of aggressive fluids, water purifying plants, radiator heating, traditional heating systems, air distribution and compressed air systems, chilled water and air conditioning etc.

FEATURES AND BENEFITS

Light weight, easy and quick assembly - Results in extensive saving in time and labour.

Ideal and safest system for carrying potable water - PP-R is absolutely free from corrosion and negative biological effects. It does not break down even under the harshest water conditions; hence the quality of water never deteriorates. It is in full compliance with the International standards on the use of plastics materials for the transportation of potable water.

Safe and watertight joints - Joints are prepared by fusion process using polyfusion device. This process gives homogeneous, integral and watertight joints, which lasts for long time.

Excellent resistance to corrosion and chemical attacks - PP-R pipes and fittings are stable against the majority of known aggressive and toxic chemicals, aggressive soils and fluids in the external environment.

Reduced head loss - Mirror smooth inside surface ensures high flow rates and very low frictional losses.

Low thermal conductivity - Results in saving in insulation cost, thereby reducing overall operational costs.

Free from scaling - Due to the unique properties of PP-R limestone or other deposits cannot form and hence there is no scaling or blockage in the pipelines.

High impact strength - Indo green PP-R has a very good impact strength and hence no possibility of any breakage.

Low on sound - The sound dampening property of PP-R is a major attraction in plumbing, flushing and pressurized flow applications.

Long operational durability - Indo green system ensures a minimum 50 years of trouble free performance.

Highly economical in long run - This system is most cost effective than any other plumbing system. Moreover, due to savings in installation and insulation cost, this system is even comparable with standard make class-B GI piping system.

... Adorable. Affordable. Durable... !!! A new way to look at your Bathroom



Recently, company has come out with a wide range of bath fittings in engineering plastics. These bath fittings are introduced under the brand name of 'Aquakraft'. Our products are designed with world class innovative technology which follows latest market trends including taps, showers, health faucets, valves and other utility parts. We manufacture these fittings using 100% virgin material and adopting stringent quality parameters which ensures leak free, drip free and long lasting products. This is ensured through life cycle test and is featured with excellent resistance to chemicals and salt deposits besides economy and user friendliness.

We employ a world class manufacturing facility using efficient injection moulding machines and a robotic system for the assembling of these touch free world class bath fittings.

Product range

Fittings-Different taps and bathroom accessories in 15, 25 and 32mm

Fields of application

Aquakraft bath fittings are designed for hot and cold water in residential, commercial and public projects, high and low rise buildings, corporate offices, academic institutes etc.

FEATURES AND BENEFITS

- Easy to fix
- Long life due to no metal parts in function
- Spindle can be replaced easily
- Aerators can be cleaned easily
- All taps are of standard ½" BSP thread and can be replaced easily
- UV-stabilized, fatigue resistance and having high flexural strength
- Made out of engineering plastics
- No fading of colour, no dust or salt sedimentation
- No moisture effect, like black spots
- Can be used for hot and cold application up to 65°C
- Light in weight
- Cost effective
- Excellent style and finish besides being environmental friendly

... Your safety is our concern



Nowadays, fire protection has become the crucial subject. To address this important requirement, Supreme has introduced 'FlameGuard', a cost effective and the most useful fire sprinkler system in C-PVC. Manufactured from specially developed C-PVC compound this system is totally free from all the problems that we normally experience with the conventional metal pipe systems. C-PVC fire sprinkler system is based on proven products that has been in continuous use for over 35 years. Besides UL certification this system has also been approved by the Chief Fire Officer Mumbai, Director Fire Services Maharashtra, Gujarat, Uttar Pradesh and Karnataka.

Product range

Pipes - 3/4" to 3" dia and they conform to IS:16088 standards for SDR 13.5 C-PVC pipes.

Fittings - Supreme provides a complete range of FlameGuard fittings imported from Spears® USA. The fittings range includes special metal insert sprinkler head adapters, Special Reinforced (SR) head adapters, Revolutionary Gasket Sealed and thread sealant free head adapters.

Fields of application

Supreme FlameGuard C-PVC fire sprinkler products are UL listed for light hazard occupancies as defined in NFPA 13, residential occupancies up to and including 4 - storeyed buildings as defined in NFPA 13R, residential occupancies for one and two family dwellings and manufactured homes as defined in NFPA 13D.

Few examples of light hazard occupancies are as follows :-

- High rise buildings - residential buildings, hotels, data processing centers etc.
- Educational institutes and hospitals.
- 1 or 2 family dwellings.

FEATURES AND BENEFITS

Corrosion resistant C-PVC material does not encourage biological growth - Unlike metal systems, Supreme FlameGuard C-PVC products never rust or are not prone to scaling or pitting and do not encourage biological growth - a cause of Microbiologically Influenced Corrosion (MIC) which could destroy metal fire sprinkler systems from inside out.

Superior flow characteristics for lower friction losses - The smooth-wall interior surface of Supreme FlameGuard C- PVC System results in reduced friction loss over metal systems. It also helps in quick discharge of water in times of need. The design flow characteristics remain constant throughout the life of the product as there is no interior corrosion in the system due to microbiological activity.

Pressure rated to 12 bar (175psi) @ 65°C (150°F) - Supreme FlameGuard C-PVC products are produced in a combination of SCH 40 and SCH 80 class. Fitting configurations conform to ASTM F 438 or F 439 standards and FlameGuard SDR 13.5 C-PVC fire sprinkler pipes conform to ASTM F 442 standards. UL rated working pressure is 12 bar (175 psi) @ 65°C (150°F).

Simple and easy installation resulting in lower costs - Supreme FlameGuard C-PVC system installation significantly reduces the cost over conventional metal piping by virtually eliminating prefabrication. System can be fully installed on site using solvent cement jointing methods.

UL listed (UL 1821) for NFPA 13, 13R and 13D systems - Supreme FlameGuard C-PVC system is UL-1821 listed. UL certificate no. is 20150729-EX26525.

... Strong, sturdy and long lasting

Looking at the repeated demands for quality water storage tanks we have introduced superior water tanks under the brand name, 'SILTANK'. Supreme Siltanks are made using virgin raw material in capacities from 100 to 10000 ltrs.

Siltank overhead water tanks are available in two, three and four layered designs in different colours including the ISI variety in black colour. The four layered tanks are thermally insulated using foam layer to reduce the effects of sunlight. Thus, it keeps the water cool in summers and prevents it from getting too cold during winters. Loft tanks in different sizes and varieties have also made available to complete the range. Siltanks are much superior to any other water tank available in the market in terms of strength and performance. In short, Siltank is a "value for money proposition" that delight our customers.

Product range

Overhead Water Tanks -

- Two and three layered tanks - 200, 300, 500, 750, 1000, 1500, 2000, 3000, 5000 and 10,000 ltrs.
- Four layered tanks - 200, 300, 500, 750, 1000, 1500, 2000, 3000 and 5000 ltrs.
- BIS mark tanks - 200, 300, 500, 700, 1000, 1500, 2000, 3000 and 5000 ltrs.

Loft Tanks - 100, 150, 200, 300, 400 and 500 ltrs.

Fields of application

Overhead water tanks - Above ground water storage and overhead water storage application.

Loft tanks - Indoor water storage application.



Full Capacity Guaranteed

FEATURES AND BENEFITS

Rotationally moulded for maximum strength and better performance.

100% Virgin raw material- Promises superior quality and a long lasting performance.

Strong and durable - Unique and innovative design of the ribs makes it strong and sturdy as compared to regular products available in the market. This unique feature gives an edge to the Siltank over others preventing it from bulging when filled with water. Siltank has a very good impact strength and is virtually unbreakable.

Thermal insulation - Provision of a foam layer in the tank improves the insulation and keeps water cool in summers. It also prevents water from getting too cold in winters maintaining a temperature difference of around 15°- 20° C from the environment.

UV-stability - UV stabilization prevents degradation of

material due to adverse effects of ultraviolet rays and ensures that there is no cracking or loss of physical properties.

Suitable for drinking water - Use of food grade virgin plastic ensures its suitability for potable water as the quality of water does not get affected even when stored for a long period.

Easy installation - Built in provision of hooks for lifting the tank to higher floors, makes installation comparatively easy.

Strong covers - Specially designed injection moulded covers are much stronger and it's simple threaded design provides ease in opening and closing.

Full capacity guaranteed - Unlike commercial tanks, the storage capacity of Siltank is equal or exceeds the stated capacity. You get what you see.

Assured quality - Rigorously tested to ensure the quality. Meets and exceeds all quality parameters as specified in BIS.

... The next generation water tanks



After encouraging response to the 'Siltank' - overhead water tanks and 'Amrutam' - underground water tanks, we are pleased to offer yet another unique quality premium water storage tanks under the brand name of '**Weather Shield**'. These first of its kind premium overhead water storage tanks are designed to offer many best in class features to meet the requirements of elite class of customers. Weather Shield tanks are made available in five layered design with extra thick foam layer to make it extra strong, durable and most importantly to offer superior thermal insulation properties.

Product range

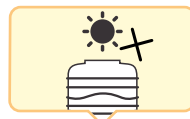
Five layered tanks in 500, 750, 1000 and 1500 ltrs capacities.



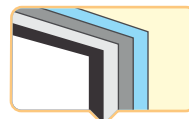
100% virgin food grade raw material



Antibacterial - 100% safe for drinking water



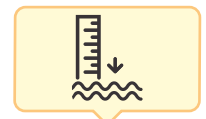
UV stabilized- no weather effect



5 layered design with extra thick foam for superior insulation



Insulated covers with inbuilt locking provision



Provided with water level indicator and pump controller

FEATURES AND BENEFITS

- **Rotationally moulded** – for maximum strength and superior performance.
- **100% virgin, food grade raw material** – Promises 100% safety and suitability of drinking water and liquid foods even when stored for long durations. Unlike commercial tanks made out of rework material, stored water in weatherShield remains unaffected and free from any taste, odor or colour.
- **Superior thermal insulation** - Five layered design with extra thick foam layer and insulated covers ensures superior insulation properties. It keeps the water cool in summers and reasonably warm during winters. Lab tests have revealed that there is @ 15-20° C temperature difference between stored water and the ambient temperature.
- **Antibacterial** – 100% hygienic and safe as the antibacterial grade raw material is being used for inside layer does not support bacterial growth.
- **All weather resistance** – Outer layer made of UV resistant material helps to prevent degradation due to the effects of ultraviolet rays and keeps it free from any crack development or loss of physical properties.
- **Strong and sturdy insulated covers with inbuilt locking provision** – Specially designed rotationally moulded threaded covers are not only strong and insulated but also very easy to open and close. Provided with a inbuilt locking provision these covers safeguard the water against water theft and its contamination.
- **Provided with water level indicator and pump controller**– Provision of water level indicator helps in controlling the water usage. The pump controller automatically stops the pump when the tank gets completely filled with water avoiding the overflow. This function not only help to save the precious water but the energy loss on account of its pumping.
- **Extra strong and durable design** – Elegant and sturdy five layered design makes the tank more tough and strong to withstand environmental changes and protects it from bulging. These tanks have good impact strength and are virtually unbreakable.
- **Readymade base plate for easy installation** – Availability of readymade base plates provides readymade platform to directly place the water tanks over it. Readymade base plates provides a firm, levelled and sturdy platform and also facilitates simple and fast installation. It makes the job more convenient while installing Y-Strainer.
- **Provision of inbuilt hooks** - Provides ease while lifting the tank to the higher floors.
- **Assured quality** – Rigorously tested to ensure the superior quality. Meets and exceeds all quality parameters specified in the BIS Standard.

... A hygienic way of water storage



The Supreme ready to use Amrutam underground water storage tanks in plastics offer multiple advantages over conventional concrete and masonry tanks and are intended to replace the same. Conventional tanks are normally prone to cracks, seepage and root penetration etc. Besides cumbersome and time consuming construction and need for repeated maintenance, the life span of these concrete tanks is short and uncertain. On the other hand, Supreme Amrutam underground water tanks are beyond these problems and offer some great additional features.

Product range

We offer underground water tanks in different capacities ranging from 1000 ltrs to 90,000 ltrs. The tanks up to 3000 ltrs are available in a vertical design whereas, tanks with capacity of 6000 ltrs and above have modular horizontal design. These horizontal modular units can be connected with each other for an increased capacity up to 90,000 ltrs.

Fields of application:

Underground water storage application

FEATURES AND BENEFITS

Rotationally moulded - Supreme Amrutam underground water tanks are manufactured by rotational molding process which produces a one piece, seamless, watertight product.

Unique single piece patented design - Amrutam underground water tanks have unique patented design.

Great strength - robust in design with a unique ribbed structure provides superior structural integrity to the tank. Making it very strong to meet various loading and handling requirements.

Simple and quick installation - Amrutam ready to use water tanks are light in weight and hence the installation becomes very simple and quick. Minimum requirement of excavation further saves a lot of time and costs. Installation of these tanks can be carried out even by unskilled workers with proper

training. Amrutam polyethylene underground water tanks are designed for durability, easy and quick installation and can be transported to the job site in a pickup van.

Minimum space requirement - Being available in ready to use form and are vertical in design these tanks can be installed in minimum space with minimum excavation.

100% Watertight.

Hygienic and safe - Free from root penetration, corrosion and biological growth.

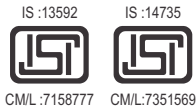
Provided with airtight threaded covers.

Minimal maintenance ensures economy over a period of time.

Long life - minimum 50 years of service life

Eco-friendly

... No Blockage, No Leakage, No Breakage



Supreme is the pioneer in introducing this efficient S.W.R. drainage system in India. It has successfully replaced conventional CI and AC drainage systems. The Supreme S.W.R. drainage system is designed for quick and efficient removal of waste without leakage. It is highly resilient, tough and durable with high tensile and impact strength. Moreover it is free from scale formation, rusting, weathering and chemical action. It is virtually immune to attack from bacteria, fungi, micro-organisms and insects. Thus, the system is a long term solution for building drainage with estimated life over 50 years. In addition to the various benefits, it is more cost effective than any conventional drainage system.

Product range

Pipes - 50 to 160mm sizes as per IS 13592

Fittings- 40 to 160mm sizes as per IS 14735

Complete range of pipes and fittings are available in pasted as well as fix 'O' ring type seal design.

Fields of application

Soil and waste systems in residential, commercial and public projects, high and low rise buildings, corporate offices, hotels, hospitals and academic institutes.

FEATURES AND BENEFITS

High quality and wide range - The system consists of pipes and a wide range of fittings with various traps, and accessories which makes the system complete in all respect and hence customer need not to depend on conventional systems. A range of fittings are available in pasted and fix 'O' ring type joints.

Strong and long lasting - This system is highly resilient, tough and durable with high tensile strength and high impact strength. Moreover it is free from problems caused by scale formation, rusting, weathering and chemical action and hence it lasts for a lifetime.

Excellent chemical and corrosion resistance - Being non-metallic, this system is completely free from corrosion and offers very good resistance to wide range of chemicals.

UV resistance - It eliminates the adverse effect of sunlight and weather and can safely used for outdoor installations.

Quick and convenient installation - Being extremely light in weight and provided with special rubber jointing technique, installation of this system becomes very easy.

Quick and efficient removal of waste without leakage - Mirror smooth and restriction free inner surface of pipes and fittings ensures superior flow characteristics making the system free from problems of clogging and drain choke-up. System is completely leak-proof and designed to maintain high standards of hygiene.

Adequate and easy access for cleaning and clearing obstructions.

Low maintenance - Once installed Supreme S.W.R. drainage system needs minimal maintenance.

Cost effective - Supreme S.W.R. drainage system is more cost effective than any other conventional drainage system.



Supreme has pioneered the uPVC S.W.R. drainage system in India. This efficient and trouble-free system has completely replaced the conventional CI and AC drainage products from the market. Alike S.W.R. drainage system, Skyrise is yet another finest and low noise drainage system offered by the company for high rise buildings and premium projects. In addition, to these two drainage systems, recently, we have introduced a new building drainage system for the affordable housing segment under the brand name of 'Streamline'. This pocket-friendly drainage system is designed to meet all the functional requirements of the affordable housing sector. Though light in weight this system is strong enough to provide long service life and also offers many other advantages.

Product range

Pipes - 75 and 110mm sizes

Fittings- 75 and 110mm sizes

Pipes and fittings are manufactured as per the company standards and made available in pasted and rubber ring type joints.

Fields of application

Soil and waste systems in residential, commercial and public projects, high and low rise buildings, corporate offices, hotels, hospitals and academic institutes.

FEATURES AND BENEFITS

Quick and efficient disposal of waste

Excellent chemical and corrosion resistance

Light in weight

UV resistance

Quick and convenient installation

Minimal maintenance

Cost effective - Cost effective solution for affordable housing

Manufactured as per company standards

Available in Fix 'O' ring types joints

... A Premium Drainage System for Premium Projects



Supreme Scares SOIR drainage system is a premium product especially designed for hotels, hospitals, high rise buildings and premium projects where regular SOIR do not meet the application requirements. Designed to meet strictest demands of strength and other mechanical properties, this thick walled, high density Scares SOIR drainage system is additionally equipped with low noise feature. This makes it suitable for the projects where sound beyond a certain decibel level is not desirable. Thus, a combination of strength and low noise has made this product an excellent choice for high rise buildings. It is the best plastic alternative to CI drainage system. As a pioneer in the field, it is with great pride we have introduced this new product in the market to improve present drainage system.

Product range

Pipes - 50 to 200mm

Fittings- 50 to 200mm

This system conforms and exceeds EN 1329 standard requirements. Complete range of pipes and fittings are available in pasted as well as rubber seal type joints.

Fields of application

Skyrise is specially designed for high-rise buildings and premium construction projects like hospitals, luxury hotels and for building where people demand such low noise pipe fittings along with good mechanical properties. Skyrise is an ideal solution for all types of professional wastewater installations.

FEATURES AND BENEFITS

Strong and durable - Every component of the system is designed to provide adequate strength to make it strong against various forces encountered during and after the installation.

Improved noise insulation - Use of special compounds having increased molecular weight, extra wall thickness and ribs on the external face of the fittings make the system almost sound proof. Skyrise noise levels as certified by Fraunhofer Lab, Germany are 17 and 20 decibels corresponding to 2 and 4 lit/sec. respectively.

Extensive range of pipes and fittings - Complete range in push fit - rubber seal type joints as well as pasted type joints are made available in 50 to 200mm sizes.

Smooth bore - better flow - No clogging - mirror smooth internal surfaces of Skyrise helps to avoid sedimentation and lime deposition.

Easy and leak proof joints - Unique design of joints with click ring and specially designed rubber seals with reinforcing rings

makes the joints absolutely water tight. Unlike normal sealing rings, the sealing rings provided with Skyrise cannot easily be removed which guarantees a perfect hydraulic seal and total safety during installation eliminating the scope of leakage under any circumstances.

Light weight as compared to CI - Light weight and easy jointing technique makes the installation job very simple, easy and quick.

Unique design and elegant

Swept entry design of the tee's meet UPC requirements.

Corrosion free - long life beyond 50 year's

Excellent chemical resistance

Good fire resistance properties - PVC is self extinguisher of fire. It is classified as B-S1-dO

Compatible with existing S.W.R. systems

Cost effective - Skyrise offers cost advantage over CI and other similar products

...an efficient rainwater collection system

Supreme Rainbow roof gutter system is latest in design, look and featured with many advantages. This system is made from PVC and comprises specially designed profiles (gutters), different types of fittings, clamps and accessories. Gutters and fittings are specially designed to meet the requirements of all types of sloped roofs buildings. Unlike other systems, Rainbow is not exactly a half cut system, but designed to give maximum flow with necessary freeboard. It means there is no possibility of spilling or overflow as it has high flow carrying capacity. Rainbow is a classic 150mm size very large capacity rainwater system, suitable for 310m² roof area with one down pipe. It connects to 110mm (4") circular down-pipe. Rainbow roof gutters are designed with longitudinal ribs for adequate strength and dimensional stability.

Product range- Pipes and fittings in 150mm size.

This system conforms and exceeds EN607 standard requirements.

Fields of application - Supreme Rainbow roof gutter system is designed for rainwater collection and disposal including rainwater harvesting solution in residential and commercial buildings, garden shades, stores, industries, garages etc.



FEATURES AND BENEFITS

Unique design - This system is specially designed to accommodate high flow rates without overflow of rainwater even during heavy rainfall.

Strong and durable - Rainbow roof gutters are provided with longitudinal ribs along the length which makes it strong and durable.

High carrying capacity - Due to excellent hydraulic properties and large cross sectional area, the carrying capacity of this system is considerable.

Easy and quick installation - Being light in weight, it is very easy to handle, transport and store. Installation of this system is very convenient and quick.

High corrosion resistance - Being immune to chemical, electrolytic and galvanic action, the system is absolutely free from corrosion. It does not require protective coating.

High chemical resistance - System has excellent resistance to acids, oxidizing agents, alkalis, oils and domestic effluents. Therefore, it is completely resistant to acid rainwater. This feature is particularly important in coastal regions and in areas with environmentally aggressive industries.

100% leak proof - This system is designed with special rubber rings to avoid leakage through joints.

Odorless and hygienic - It is ideal for carrying rainwater, as it is not subject to any contamination. This is particularly important when rainwater is reused.

Elegant appearance - Smooth in touch and glossy, Rainbow® components give an elegant appearance.

Maintenance free - This system is maintenance free and offers longevity and endurance at reasonable cost.

... an underground revolution

Supreme Nu-drain is intended to carry soil and waste from building to roadside sewers or drains and from there to treatment plant or disposal point. This system offers multiple advantages over traditional drainage products for all sorts of drainage and sewerage application and installations. This can also be used for rainwater collection and disposal, including rainwater harvesting. Being 100% watertight, this complete system is free from ingress and seepage of water and hence considered to be most hygienic. Unlike conventional drainage products, it is free from pollution of underground water, soil or ill effects on building foundations. In this fast age, this product emerged as a blessing to the housing and construction sector.

Product range

- **Inspection chambers** - Ultra 250, 315, 355, 450 and Ultra 600 as per BS:7158
- **uPVC Solid wall pipes** - 110 to 400mm in SN 2, 4 and 8 stiffness class which conforms to IS:15328
- **Eco-drain structured wall pipes** - 110 to 400mm as per IS:16098 standard.
- **Foam core pipes** - 110mm in SN 8 stiffness class
- **DWC pipes** - 75 to 800mm in SN 4 and 8 stiffness class
- **HDPE pipes** - 63 to 630mm as per IS:14333 in 2.5 to 16 kgf/cm² pressure class

Fields of application

Underground drainage and sewer system in individual houses to multistory apartments, hotels, hospitals, shopping malls, academic institutions, infrastructure projects etc.



FEATURES AND BENEFITS

Great flexibility - Due to availability of readymade inspection chambers and manholes along with long lengths of lighter weight pipes and different components, installation of this system is very convenient and fast.

Perfect hydraulic properties - Mirror smooth inside surface of the pipes, streamlined design of the chambers and manholes greatly reduces the possibility of blockage and maximize the flow characteristics. As a result, carrying capacity of these pipes can be increased by 40% over concrete pipes.

Great strength - Products are sufficiently durable to meet site-loading requirements.

100% watertight system - Pipe, riser or the shaft connection with the chamber base is absolutely watertight and unique design of pipe joints with click ring and sealing ring makes the system completely leak proof.

Hygienic and safe - Trouble free performance of the joints without blockages and leakages ensure high standards of hygiene.

Minimum excavation cost - Because of simple jointing technique, trench width can be kept to a minimum and smoother bore of the pipe allows high flow rates at relatively flatter gradients.

Different flow profile designs - Inspection chambers are available in different flow profiles/configurations of inlet(s) and outlet in different sizes to suit the site requirements. Inlets that are not needed can be closed with the help of blanking plugs.

Minimal maintenance - Optimum functional qualities and good hydraulic properties play an important part in reducing the need for jetting and other forms of maintenance and therefore operational costs are considerably reduced.

Long life and overall economy - It is free from problems like corrosion and susceptibility to chemical reactions and strong enough to carry soil and traffic loads. Nu-drain is sufficiently durable, offers long and trouble free service life.

Design
Registered



... a real breakthrough in sewer technology

Access to a sewer system for inspection, cleaning or maintenance is obtained either through an inspection chamber or a manhole. Most of the sewer maintenance requirements are fulfilled through Ultra 600 inspection chambers, however, manholes are required where man entry is must. Supreme readymade, ready to use Ultra1000 and Ultra1200 manholes consists of a base, a shaft and a cone with suitable cover. In addition to this three piece design, a single piece design is also offered. This robust manhole is designed, manufactured and tested as per EN:13598 standards. This versatile product with a combination of strength and elasticity is the result of our extensive R & D. Thus, Supreme Ultra manhole with a provision of a ladder is a real breakthrough in sewer technology.

Product range

- **Ultra1000 manhole (three piece design)** - Available in 7 different flow profiles with a provision of 160 to 315mm inlet(s)/outlet sizes.
- **Ultra1000 single piece manhole** - Available in 2 different flow profiles with a provision of 250 and 315mm inlet(s)/outlet sizes.
- **Ultra1200 manhole (three piece design)** - Available in 7 different flow profiles with a provision of 160 to 450mm inlet(s)/outlet sizes.
- **Ultra1200 single piece manhole** - Available in 6 different flow profiles with a provision of 315mm inlet(s)/outlet sizes.

Fields of application

Ultra1000 and Ultra1200 manholes are designed to provide easy access for inspection, cleaning and maintenance of private and public sewers up to 6m invert depth. Complete solution with a robust design, durability and flexibility makes it suitable for any situation and is an excellent substitute for conventional concrete and masonry manholes.

FEATURES AND BENEFITS

- **Completely made of plastic** - ready to use, spacious (1m and 1.2m diameter) with 600/640mm entrance
- **90% lighter than concrete manholes** - makes them easy to handle and allows simple and quick installation
- **Robust design** - which can withstand heavy traffic loads up to 40 tons wheel load.
- **100% water tight structure** - free from infiltration and ex-filtration.
- **Smooth internal surface** - less slime build-up, minimizing the risk of blockage.
- **Suitable for installation depths up to 6m .**
- **Safe against floatation.**
- **Flat bottom for easy and levelled installation.**
- **Provided with inbuilt ladder to facilitate easy maintenance and cleaning.**
- **Adjustable height to suit site requirement during installation.**
- **Simple and reliable pipe connections** at different levels are possible using 'in-situ' adapters.
- **Strong and durable** - can last for more than 50 years.
- **Eco-friendly and cost effective.**

... An advanced solution for safe sanitation

Design Registered
Regn. No. 276998



The Supreme Safeguard septic tanks are designed to provide a better substitute to existing conventional brick and mortar septic tanks or tanks made out of Hume pipes. Conventional septic tanks are associated with multiple problems of corrosion and leakages thereby polluting soil and ground water. Besides cumbersome and time consuming construction and repeated maintenance requirements, the life span of these concrete tanks is short and uncertain. On the other hand, Supreme Safeguard septic tanks are free from the above problems and offers many outstanding features.

Product range

We offer septic tanks in different sizes ranging from 1000 to 29,500 ltrs capacity. Septic tanks up to 3000 ltrs are available in vertical design which has two separate integral compartment for proper settlement and decomposition of solid waste whereas, the septic tanks above 5500 ltrs capacity have modular horizontal design. Different modular units can be connected with each other for increased capacity up to 29,500 ltrs.

Fields of application

Primary treatment of sewage in residential, commercial buildings where municipal sewage system is not available.

FEATURES AND BENEFITS

Rotationally moulded, one-piece construction - Supreme safeguard septic tanks are manufactured by rotational moulding process which produces a one piece, seamless, watertight product.

Unique design - Safeguard septic tanks have unique single piece two chamber patented design which allows vertical settlement of the solids and are found to be much more efficient than conventionally built septic tanks.

Great strength - Robust in design with unique rib structure provides superior structural integrity to the tank. Making it very strong to meet various loading and handling requirements.

Simple and quick installation - Safeguard ready to use septic tanks are light in weight making the installation very simple and quick. Minimum requirement of excavation further saves lot of time, energy and costs. Installation of these tanks can be carried out even by unskilled workers with little training. Any Safeguard septic tank can be transported to the job site in a pickup van and needs just two people to carry.

Excellent chemical resistance - Unlike conventional tanks, polyethylene is unaffected by soil chemicals and the chemicals

and gases present in sewage. Therefore Supreme Safeguard septic tanks do not rust or corrode and require no additional coatings. Safeguard septic tanks are absolutely safe against ill effects of hydrogen sulphide (H₂S), a common problem with masonry or concrete septic tanks or the ones made from Hume pipes. Manufactured under strict quality guidelines, Safeguard ensures an environmentally safe septic tank.

Hygienic and safe - It is 100% watertight and hence guarantees against leakages preventing soil and ground water pollution.

Minimal maintenance required for these tanks saves time and costs.

Long life - expected to last 50 years, i.e., the life time of a building under ideal conditions.

Ready for install complete pre-plumbed set - Safeguard tanks are supplied as a complete set with necessary accessories like inlet and outlets connections, rodding eye, extension piece, cover and watertight seals on all joints. Thus, the tank that you receive is ready for installation.

Eco-friendly

After the success of “Nu-Drain underground drainage system” and “Safeguard readymade septic tanks”, we are pleased to introduce yet another innovative and useful product i.e. mobile readymade toilet blocks with Indian and European style WC’s, mens urinals and ladies urinals under the brand name of ‘Cleanage’. The modular toilet block having European WC is provided with overhead water tank and flushing arrangement. Modular toilet blocks can be installed in a series with minimum space requirement. These superior products offer multiple advantages and are in line with central Govt’s initiatives to provide sanitation for all. It will certainly enhance the quality of life by improving the quality of sanitation across the country.

Overall dimensions

For readymade toilet block : 2450 (H) x 1080 (W) x 930 (B)

For modular toilet block :

- Single unit : 2615 (H) x 970 (W) x 957 (L)
- Modular in series : 2615 (H) x 970 (W) x (No. of toilets x 957) (L)

For Mens urinal : 2975 (H) x 1180 (W) x 1180 (L)

Size of outlet : 110 mm (for toilet block)
75 mm (for urinals)

Fields of application

- Rural sanitation
- Constructions sites
- Schools and hospitals
- Public places in municipal areas
- Sporting events
- Different events and religious gatherings like Kumbh melas fairs (yatras) etc.
- Military camps
- Park and gardens



Available in Indian and European style WC’s

FEATURES AND BENEFITS

- Most suitable to promote hygiene in residential areas and at public places.
- Available in Indian and European style WC’s. EWC’s are provided with flushing facility.
- Can be installed and put to use without any loss of time.
- Complete in all respect with required traps, plumbing accessories and electrical connections.
- Modular design - can be assembled and disassembled quickly.
- Provided with and without overhead water storage tank.
- Light weight yet strong and sturdy
- Elegant look - aesthetically pleasing
- Easy to clean and maintain
- Easy to transport and install
- Long life



Looking at the growing concerns for the environment and water scarcity issues, Supreme has introduced yet another innovative and useful product i.e. Safeguard Packaged Sewage Treatment Plants (STP's). At present, large size STP's are designed and constructed in conventional ways, but till date, for small size requirements, there is no reliable or user friendly solution available. Considering this need for effective and user-friendly solution and to address the various problems in the conventional methods, Supreme has come out with this compact, superior and ready to use product. This superior product having multiple advantages has the potential to change the face of wastewater management and sanitation scenario in the country.

Supreme's SPSTP's aims at reducing the contaminants available in the water to the acceptable level and improves the quality of water and makes it safe for disposal or discharge back into the environment. Hence, the treated water can also be used for the purpose of gardening, irrigation, flushing etc. depending on the degree of treatments involved.

Safeguard Packaged STP's are Designed to

- Achieve the desired results on a consistent and sustained basis
- Lasts for at least 10-15 years without major maintenance or repairs
- Achieve the desired treated water quality in minimum cost, energy and chemicals
- Facilitate user-friendly installation
- Easy operation and maintenance

Product Range

We offer packaged sewage treatment plants in different sizes ranging from 1 KLD to 30 KLD capacities.

Fields of application

- | | |
|--|----------------------|
| • Residential and Commercial Complexes | • Hospitals |
| • Public Gardens and National Parks | • Temples |
| • Hotels and Resorts | • Government Offices |
| • Restaurants | • Labour Quarters |
| • Industries (domestic waste water) | • Townships |
| • Institutions | |

FEATURES AND BENEFITS

- Intelligent combination of anaerobic and aerobic treatment
- Excellent effluent quality - Meets SPCB/CPCB requirements
- Excellent treatment efficiency and energy efficient
- Hygienic and safe operation
- Free from leakages, breakages and blockages
- No root penetration and fungal growth
- Rust proof
- Minimal sludge generation
- 70% reduction in O & M cost compared to conventional STP's
- Compact space saving design
- Fully autonomous - no need of skilled supervision
- Minimum intervention with self-sustainability
- Availability with a design option for underground or above the ground installation or its combination.
- Available from 5 to 100 KLD capacities
- No chemical dosing
- Simple, quick and user friendly installation
- Aesthetic view and noise free working
- PLC based automatic operation

... Hi-tech pipes for drainage and sewerage application



Eco-drain pipes are not solid wall pipes but have a unique wall structure, i.e., with a number of “holes” in the wall thickness in longitudinal direction. As a result, the Eco-drain pipes are noticeably lighter and less expensive than any existing PVC pipes of similar stiffness and many times lighter than the concrete pipes with equivalent load carrying capacity. Because of the numerous advantages, these pipes are widely accepted and used in several European countries. These pipes have equivalent stiffness and flexibility in combination with a weight reduction from 10% to 35%, depending on size.

In addition to the solid wall pipes and Eco-drain structured wall pipes we have recently introduced Foam core pipe in 110mm size. These pipes are supplied in socketed ends.

Product range

Pipes - 110 to 400mm in SN 2, SN 4 and SN 8 stiffness class as per IS:16098 standard

Fields of application

These pipes are specially designed for underground drainage and sewerage application. Eco-drain pipes can be used for all underground drainage and gravity sewerage system, all rainwater collection, discharge and gravity systems, soil and waste systems inside the buildings and sewerage application.

FEATURES AND BENEFITS

Structural strength - Eco-drain pipes are designed using I-beam construction which provides high moment of inertia and hence sufficiently durable to meet soil over load requirements.

High flow capacity/hydraulics - Superior hydraulics due to mirror smooth internal surface and hence reduces the possibility of blockage.

Watertight joints - Unique design of joints with click ring and sealing ring assures completely leak-proof joints.

Great flexibility - Due to the pipes being light weight and having longer lengths, installation becomes very convenient and fast.

Minimum installation expenses - Trench width and gradient requirements are minimized due to simple jointing technique

and high flow rates, which results in extensively saving in the installation cost.

Excellent resistance to corrosion and chemical attacks

Hygienic and safe - Because of water tightness of the joints and trouble free performance without any blockage or leakage, high standards of hygiene are maintained.

Low maintenance costs.

Long life - As pipe resists corrosion, sediment buildup and susceptibility to chemical reactions, the pipes are sufficiently durable.

Cost effective - Supreme Eco-drain pipes are cost effective, as compared to the conventional pipes and solid wall PVC pipes over the life cycle.

... Ideal pipes for drainage and sewerage application

IS:16098-2

 CML-7700079217



Supreme Ultra plus double wall corrugated pipes are more stronger than solid wall pipes of the same wall thickness. These pipes have a unique wall structure design with corrugated structure externally and smooth surface internally. This specific structure gives the pipes a unique combination of stiffness and flexibility to sustain soil and traffic loads that the pipe may encounter in service while buried. Smooth inner surface allows uninterrupted flow without any blockage. These pipes produced with state of the art technology offer multiple benefits, especially as they are much lighter than any conventional pipe and are even lighter than solid wall plastic (PVC, HDPE or PP) pipes. This remarkable material property gives these pipes an edge over many other pipes in terms of handling and installation.

Product range

Pipes - 75 to 800mm dia sizes in SN 4 and SN 8 stiffness class as per IS 16098. These pipes are made available in plain end form as well as with integral sockets along with necessary fittings.

Fields of application

- Underground drainage and sewer applications
- Disposal of industrial effluents
- Storm water drainage
- Rainwater harvesting and ground water recharge
- Road / highway cross drainage.

These applications are only a few and the PE DWC pipes are finding a new uses almost regularly adding further benefits to this superior technological marvel at a very fast pace.

FEATURES AND BENEFITS

Great flexibility - Being light weight and elastic in nature, these pipes offer lot of flexibility while installation as they are adaptable to any type of contour patterns.

Excellent stiffness - Suitable to withstand heavy overload pressure (soil and traffic loads) and sustain various loads that will encounter during installation and in use.

Perfect hydraulic properties - Glass smooth inner surface helps in rapid disposal of flowing waste. Such a smooth surface greatly reduces the possibility of blockages and maximizes the flow characteristics and therefore carrying capacity increases by 40% over concrete pipes.

Excellent chemical, corrosion and abrasion resistance properties

Watertight joints- Joints are 100% watertight and hence free from any infiltration, ex-filtration and root penetration. Due to this, surroundings remain unaffected and possibility of soil or underground water pollution is eliminated.

Easy and quick installation- Due to longer lengths and lighter weight pipes, installation becomes very convenient and fast.

These pipes are very easy to joint using slip-on techniques. Unlike conventional concrete or metallic pipes, these pipes do not require any heavy handling equipment for installation due to their weight property. Thus these pipes are very user-friendly and cost effective.

Maintenance free - Being free from scaling, encrustation and chemical reactivity, there is no need of any regular maintenance, occasional flushing with water keeps the surface smooth and aids the usable age enhancing functions.

Long life - Being free from corrosion, chemical reactivity and excellent abrasion resistance these pipes can last over a century.

Cost effective - 60 to 70% weight saving in comparison to solid wall plastic pipes and 95% lighter than concrete pipes hence much cost effective.

Eco-friendly- Processing and reprocessing does not have any adverse impact on the environment and due to watertight joints there is no possibility of soil and underground water pollution.

... Most comprehensive range with wide spectrum of fittings

IS:4985-2000



C/M/L 1235335



Supreme offers an exhaustive range of uPVC pressure pipes and fittings. Pressure pipes are manufactured in different pressure classes. Pipes with both types of joints, i.e., solvent cement type and rubber seal type are available. Varieties of moulded fittings and wide range of handmade fittings are also available. These pipes are superior to CI, DI or RCC pipes in terms of being light in weight, easy and quick installation, excellent corrosion and chemical resistance properties, high flow rates, long life and economy. These pipes have approval of MJP.

Product range

Pipes - 20 to 450mm as per IS:4985 in 2.5 to 12.5 kgf/cm² pressure class.

Fittings - 20 to 315mm as per IS:7834 in different pressure class up to 16 kgf/cm² and fabricated fittings up to 450mm sizes as per IS:10124.

Fields of application

These pipes and fittings are used for a variety of applications like, irrigation, water supply, industrial process lines, swimming pools, firefighting mains, etc.

FEATURES AND BENEFITS

Odorless and hygienic - These pipes are an excellent choice for carrying potable water as they do not allow contamination.

High corrosion resistance - Being immune to chemical, electrolytic and galvanic action, these pipes are free from corrosion which ensures a much longer and useful life.

High chemical resistance - Pipes offer excellent resistance to acids, oxidizing agents, alkalis, oils and domestic effluents.

Smooth bore - Pipes have a mirror smooth inner surface and hence better flow characteristics in comparison to AC, CI and GI pipes.

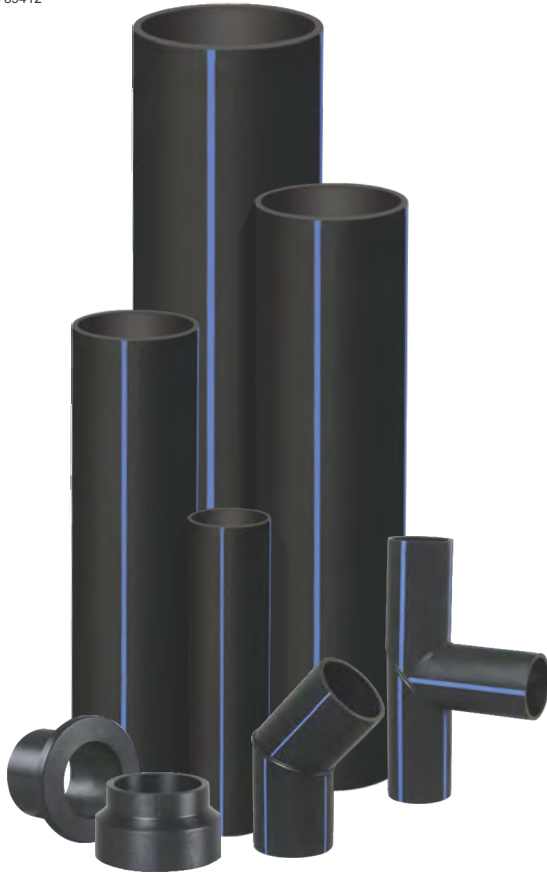
Self extinguishing quality - This feature eliminates the need for fire resistant coatings.

Maintenance free - Corrosion resistant property of the PVC pipes eliminates the need for repeated painting or coating like in the case of GI pipes.

Long lasting - As these pipes are free from weaknesses caused by scale formation, rusting, weathering and chemical action, they have a much longer effective life.

Economical - Despite being superior to conventional pipes, Supreme PVC pipes are very light in weight and last much longer than older piping systems by offering a great economy in handling, transportation, installation and replacement.

... The next generation piping



Supreme polyethylene pipes are a safe, long lasting and cost effective solution for potable water supply, irrigation and bore well application. Supreme HDPE pipes are manufactured from virgin raw material with the help of state of the art manufacturing facilities. Stringent tests on raw material and finished goods ensure the quality as per national and international standards. The pipes and fittings are available in complete range from 20 to 800mm sizes. The pipes are available in PN 2.5 to PN 16 pressure class in PE 63, PE 80 and PE 100 grades. Supreme PE pipes are manufactured according to IS:4984 and ISO:4427. Supreme PE pipes are tested by WRc-NSF, UK, to endorse its suitability for potable water.

Product range

- Pipes
- 20 to 800 mm PE 63, 80, 100 grades as per IS:4984 in 2.5 to 16 kgf/cm² pressure class.
 - 63 to 630 mm PE 63, 80, 100 grades as per IS:14333 in 2.5 to 16 kgf/cm² pressure class.
 - 200 to 450 mm PE 100 co-extruded tracer pipes for drinking water purpose in 6 kgf/cm² pressure class.

Fittings- All the compatible fittings are made available in handmade form to cater all system requirements.

Fields of application

Potable water mains, house connections, irrigation and agriculture, sprinkler and drip irrigation, underground drainage and sewerage, coal handling in mines, Industrial applications, column pipes for submersible pumps in coil form.

FEATURES AND BENEFITS

- High reliability and proven service performance
- Excellent chemical and corrosion resistance
- Excellent flow characteristics
- High impact strength
- Long service life
- Excellent UV, low temperature and abrasion resistance
- Excellent water hammer resistance
- Excellent weld-ability
- Wide variety of installation methods
- Easy, quick and economical installation
- Ideal in shifting soil condition and earthquake prone areas

... Complete solutions for Bore-well sector



Various problems associated with conventional metal pipes used for casing application are totally eliminated in Supreme casing pipes made from specially developed PVC compound. Supreme casing pipes offer superior performance at a lower cost and has become the prime choice of the customers.

Supreme offers a variety of pipes for bore-well applications to cater to every need of bore-well sector which includes casing pipes and ribbed screen casing pipes for tube wells. Plain pipes as well as screen (slotted) pipes are available in every category of casing pipes. Very encouraging results have made the Supreme uPVC casing pipes well accepted by civil engineers, drilling contractors and government/semi-government departments.

Product range

- Pipes
- 125 to 250mm (5" to 10") both in shallow well and medium well varieties
 - 40 to 300mm (1½" to 12") as per ASTM D1785 standard
 - 110 to 200mm in SDR 35 and 52 varieties
 - 40 to 150mm (1½" to 6") ribbed screen casing pipe
 - Screen/Slotted casing pipes in different sizes

Fields of application

Supreme casing pipes are ideal for domestic wells, irrigation wells, industrial wells, public wells and mining wells. Slotted pipes can also be used for rainwater harvesting SDR casing pipe series for shallow depths as per company standard, Ribbed screen casing pipes for tube well.

FEATURES AND BENEFITS

Wide varieties - Supreme offers varieties of casing pipes to suit different application requirement in bore-well sector.

Excellent corrosion resistant - Unlike steel pipes, uPVC casing pipes are completely immune to corrosion and offer good resistance to aggressive elements in the soil which could cause encrustation of well screens.

Light in weight - These pipes are light in weight which makes their transportation and installation easy and cheaper than conventional materials. These advantages particularly manifest themselves in rural areas where they are most needed but due to poor roads, transportation is difficult.

Quick and convenient installation - These pipes are provided with good quality threaded joints due to which they can be easily assembled and installed where drilling is done by hand, with light weight drilling rig or even with large capacity drilling machines.

Excellent strength and stiffness - These pipes have excellent stiffness and meet all the mechanical properties as per IS 12818.

They have excellent hydrostatic collapse pressure that is capable of withstanding the external hydraulic pressure which these pipes would be subjected to during construction of the well.

Non-toxic - The material of the pipe is non-toxic and hence does not impart any taste, odour or colour to water. It also resists bacteria, making it completely safe for drinking water.

Non-conductive - uPVC is a non-conductor of electricity eliminating any electro chemical reaction and with ground water which could cause encrustation of screens.

Long lasting - As the material is free from rusting, weathering chemical reactions and with excellent mechanical properties, Supreme casing pipes last a lifetime.

Economical - Apart from all the advantages listed above, Supreme uPVC casing and screens pipes are the most economical bore-well solution as compared to other materials or even alternative uPVC casing pipes available in the market.

... Best alternative to GI pipes



Supreme column pipes have been specially designed and are manufactured under stringent quality checks. They are tested to withstand system load comprising the weight of the pump, water and pipes with an adequate factor of safety. Due to unique design of square threads, they can withstand considerable shock and jerk load during operation. Pipes supplied with separate couplers are integrally locked with the pipes using cord lock provision for perfect locking.

Supreme column pipes for submersible pump offer many advantages hence emerges as the best option for conventional metal pipes. Pipes are available in 3m length with square threads fitted with rubber sealing ring at male threaded end. These pipes are available in different sizes and load class for varying needs based on installation depths up to 450m (1500 ft).

Product range

Pipes - 25 to 100mm (1" to 4") in Light duty, Medium duty, Super medium duty, Eco standard duty, Standard duty, Super standard duty, Heavy duty and Super heavy duty corresponding to different installation depths.

Fields of application

Suitable for lifting water using submersible pumps in Bore well sector.

FEATURES AND BENEFITS

Light weight - Supreme column pipes are light in weight enabling easy and economical transportation.

Hygienic - As uPVC is immune to galvanic and electrolytic erosion, both pipes and water remain unaffected.

High flow rates - Mirror smooth inner surface of the pipe and corrosion resistant property prevent scale formation which ensures high flow rate resulting in substantial power saving.

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

High tensile load capacity - Specially designed square threads (male and female) are manufactured on SPMs to provide smooth joining and re-joining. The design of threads along with the pipe material makes it strong enough to take high tensile loads.

Leak proof joints - The unique 'D' type flat sealing rings are made from the best quality rubber to ensure long service life, absorption of pump vibrations and water tightness.

Overall economy - The advantages listed above result in making these pipes more economical as compared to GI pipes.



Supreme offers HDPE coupled pipes, fittings and accessories, for sprinkler irrigation. This is used for spraying water through nozzles (sprinklers) to get maximum water use efficiency. This system consists of pipes and fittings along with different accessories which are designed and developed by experts in the field to provide the best quality. Supreme Varsha sprinkler irrigation system is useful for all kinds of soils and all types of crops. It is suitable for land with undulating terrain.

Product range

Pipes - 50 to 200mm as per IS:14151(Part 1) having licence to produce Class 1 (2.5 Kgf/cm²), Class 2 (3.2 Kgf/cm²), Class 3 (4 Kgf/cm²) and 90mm size in Class 4 (6.0 Kgf/cm²).

Fittings - 50 to 140mm as per IS:14151(Part 2) having licence to produce Class 1 (2.5 Kgf/cm²), Class 2 (3.2 Kgf/cm²) and 90mm size in Class 4 (6.0 Kgf/cm²).

Fittings and accessories

Elbow, tee, end cap, bottom (base pipe), service saddle, etc. are available along with couplers and Sprinklers (nozzles), riser pipes, and metal clamps as per the requirements which makes the system complete in all respect.

Fields of application

Suitable for almost all crops like wheat, gram, pulses, vegetables, cotton, tea, coffee and field crops like hay, corn and soyabean. It is also suitable for gardens maintained in residences, industries, hotels, resorts, public and government premises as also large green patches like the golf and race courses.

FEATURES AND BENEFITS

- More than 40% water saving in comparison to flood irrigation.
- Well suited for irrigation of undulating fields- levelling of land is not required.
- Portable, light weight and easy to handle.
- Extensive saving in transportation and labor cost.
- Easy and quick installation by using coupler type joint provided with pipes and fittings.
- Excellent corrosion resistant properties.
- UV Stabilized - Provides protection from ultra violet sun rays which makes it suitable for exposed application.
- Highly flexible, crack and impact proof - sustains high pressures and high temperatures.
- Chemically inert - Makes it suitable for liquid fertilizers and pesticides.
- Strong, durable and long lasting.
- Cost effective.

SILBOND™
Solvent Cements and Primers
For an everlasting bond

uPVC Solvent Cement



C-PVC Solvent Cement



SIL A I D
Rubber Lubricant
For an easy joints



BLUESIL
Thread Sealant



The quality of solvent cement plays very important role in solvent weld plumbing. The quality of solvent cement has total influence on the joint strength. Considering this important fact, company has started manufacturing solvent cement under its own stringent quality checks. This ensures consistency in quality of solvent cement thereby reassuring the end user about the leak proof joints on a long term basis. 'SILBOND' solvent cement is available for both uPVC aqua Gold high pressure plumbing system as well as for Lifeline C-PVC hot and cold water system. uPVC solvent cement is certified by BIS and NSF (USA) where as C-PVC solvent cements is certified by NSF (USA).

'SILAID' rubber lubricant used while making rubber seal joints alongwith 'BLUESIL' thread sealant for threaded joints is also made available.

Product range

- Silbond PVC Solvent Cement- 7ml to 5000ml packing as per IS:14182 and ASTM D 2564 standard in regular, medium and heavy bodied varieties.
- Silbond C-PVC Solvent Cement- 15ml to 1000ml packing as per ASTM F 493 and D 2846 standard in medium and heavy bodied varieties.
- Silbond Primer- 100ml to 1000ml as per ASTM F 656 (essentially required for 2½" and above size pipes.)
- Silaid Rubber Lubricant - 100, 250 and 500gms.
- Bluesil Thread Sealant - 100, 250, 500 and 1000gms.

Fields of application

Silbond solvent cement for making solvent weld joints, Silaid rubber lubricant for making rubber seal joints and Bluesil thread sealant for making threaded joints.

FEATURES AND BENEFITS

- High quality performance: Excellent installation properties.
- Meets and exceeds ASTM/BIS standard requirements.
- Available through nationwide network of customer focused distributors and dealers.
- Laboratory equipped with latest technology and a set up having capability to perform BIS and ASTM tests for quality assurance and product development.
- Products are thoroughly tested and made to exceed standard requirements.
- A fully automated modern plant built to manufacture solvent cements, primers, lubricants and thread sealants.
- The containers (Tin) has unique design with the neck and cap with integral brush in plastic material. This ensure air tight closure and eliminate any contaminations.
- All varieties of solvent cements are certified by NSF, USA.

Worldclass Mega Project



An aerial view of mega project at Gadegaon, Dist. Jalgaon (MS) spread over 132 acres having built up area of over 1.5 million sq. ft.

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