

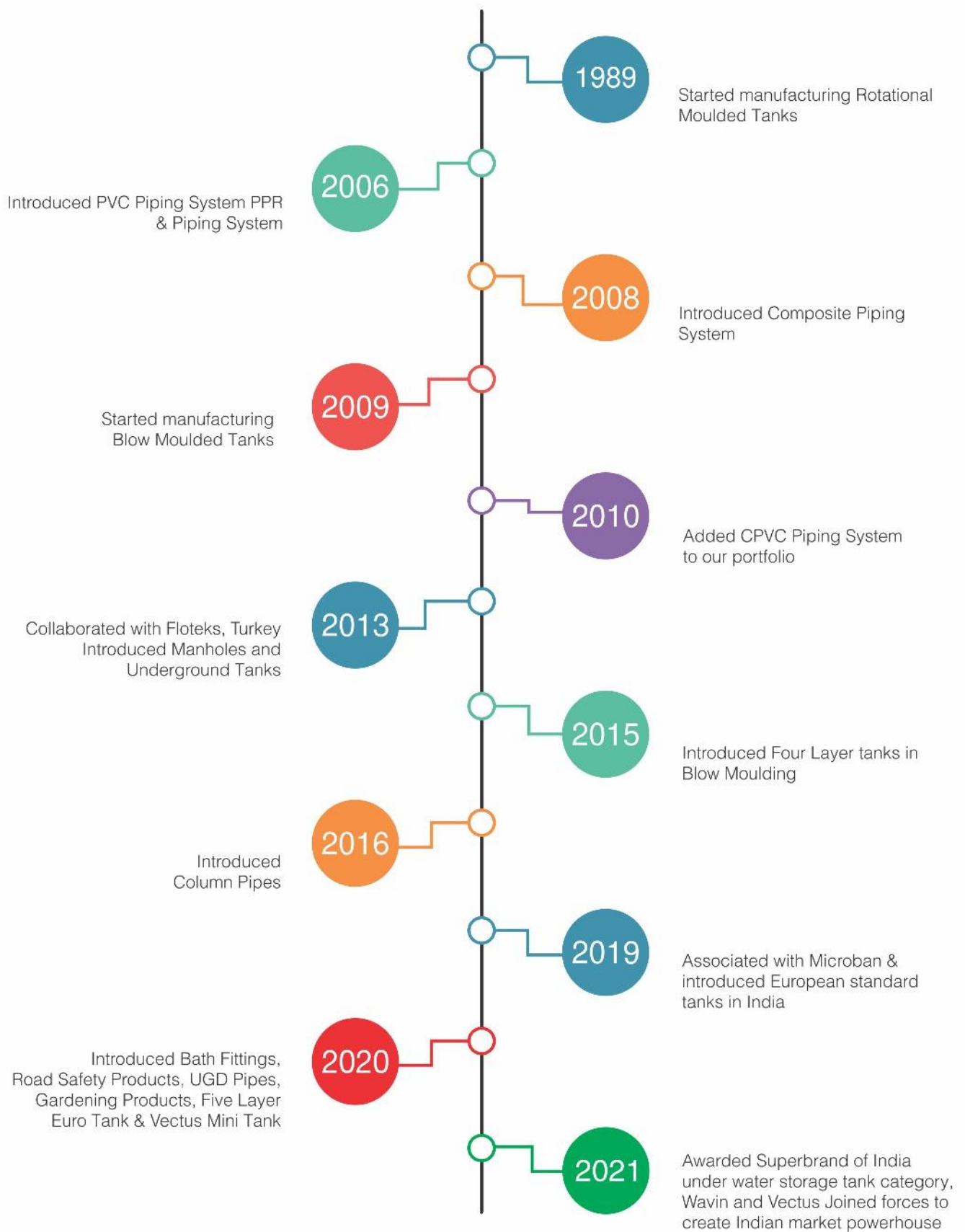
# Ganga<sup>®</sup>

## WATER STORAGE TANKS



### TANK CATALOGUE

## < Milestones >



## < About the Company >

Vectus is one of the India's leading polymer-based solutions company, primarily in the business of manufacturing water storage tanks and piping systems. With a strong history and penetrative presence in India for 30+ years, we have consistently delivered high-quality water storage and transportation solutions while pioneering several innovations along the way.

Wavin is part of Orbia, which is a community of companies bound together by a purpose that advances life around the world. Backed up with over 60 years of expertise in providing innovative solutions in the building and infrastructure industry across multiple continents, Wavin is a truly global player driven to build healthy and sustainable environments for the future.

Synergizing the strengths of both, Wavin and Vectus joined forces to create an Indianmarket powerhouse. This joint venture aims at creating India's leading water infrastructure and management solutions provider supported by Wavin's global brand power and innovation capabilities.

With more than 4500+ dealers and distributors, 35000+ retail network, 19 manufacturing plants, 6 depots & 7 regional offices across the country, Wavin Vectus has become full solution provider for above & below ground building segment in India, offering the whole spectrum of water infrastructure solutions for the management of drinking water, waste water & rain water.



# The assurance of purity & health!

Presenting our new range of anti-bacterial and heavy metal-free tanks certified as per European Standards!



Superior Rotational Moulded Threaded Lid







## ◀ BLOW MOULDING PROCESS ▶

Blow moulding is a specific manufacturing process by which hollow plastic objects are formed. The blow moulding process begins with melting down the plastic and forming it into a parison. The parison is a tube-like piece of plastic with a hole in one end through which compressed air can pass.

The parison is then clamped into a mould and air is blown into it. The air pressure then pushes the plastic out to match the mould. Once the plastic has cooled and hardened the mould opens up and the part is ejected.

It is a highly versatile manufacturing option that allows for unlimited design possibilities. The process also has a number of inherent design strengths, such as consistent wall thickness and strong outside corners which are virtually stress free. For additional strength, ribs form an integral part of the design.

## ◀ ROTO MOULDING PROCESS ▶

Rotational moulding involves a heated hollow mould which is filled with a charge or shot weight of material. It is then slowly rotated (usually around two perpendicular axes), causing the softened material to disperse and stick to the walls of the mould. In order to maintain even thickness throughout the part, the mould continues to rotate at all times during the heating phase and to avoid sagging or deformation also during the cooling phase.

Vectus has installed the state-of-the-art plants which are one of their kind in the subcontinent, encompassing the complete process in-house, beginning from extrusion, pulverisation to roto moulding on bi-axial roto moulding machine.



Ganga Granito 6 layer series is a thoughtfully designed tank range for those who wish to stand out of the crowd without compromising in the safety and purity standards of water. Ganga Granito series is a water tank range, designed in granite finish colors of Red, Green & Ivory. These tanks compliment the exterior finish of your home, while utilizing the most advanced 6 layer technology to deliver world-class standards of water purity and safety.

## Ganga Granito Tank



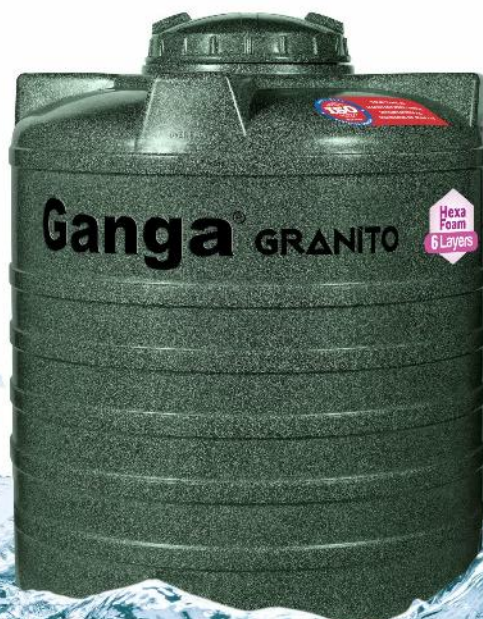
### Available Colours



**Hexa  
Foam  
6 Layers**



Superior Rotational  
Moulded threaded lid



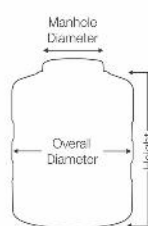
### Salient Features:

- ▶ Inner **Anti-bacterial** layer, which keeps tank surface free from bacteria.
- ▶ Intermittent Black color **UV sun-shield layer** which protects it from harmful UV rays.
- ▶ **Hexa foam layers** which keeps water resistant from external temperature variation even under extreme conditions.
- ▶ The attractive outermost **granite finish layer** of the tank enhances the beauty of your house.
- ▶ Available in sizes from 550 to 2000 ltrs.

Cross-section of 'Ganga Granito 6 Layer' water tank



### SPECIFICATION



Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
550	870	970	390
750	985	1040	390
1100	1110	1200	390
1500	1230	1345	390
2000	1350	1490	390

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.

The Ganga Cool range of anti-bacterial water storage tanks has been designed to keep your water pure, safe and cool. These tanks consist of 4 layers, each one serving a very specific purpose and ideal for household and industrial applications.

## Ganga Cool Tank



Available Colour



Superior Rotational Moulded threaded lid



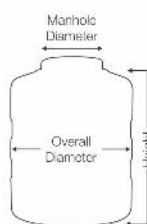
### Salient Features:

- ▶ Inner **Anti-bacterial** layer, which keeps tank surface free from bacteria.
- ▶ **Intermittent foam layer** which keeps water resistant from external temperature variation even under extreme conditions.
- ▶ Intermittent Black color **UV sun-shield** layer which protects it from harmful UV rays.
- ▶ Outer high quality **titanium loaded layer** gives strength and whiteness to the tank.
- ▶ Free from hazardous heavy metals as per the European standards which makes the water safe for drinking purpose.
- ▶ Available in sizes from 550 to 5000 ltrs.

Cross-section of 'Ganga Cool 4 Layer' water tank



RoHS: Ganga Cool tanks are certified as per the Restriction of Hazardous substance (RoHS) Directive (European Union) 2015/863, which ensures that there are no hazardous heavy metals like Lead, Mercury, Cadmium etc present in the tanks.



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
550	870	960	390
750	985	1040	390
1100	1110	1200	390
1500	1230	1345	390
2000	1350	1490	390
3000	1550	1820	450
5000	1880	2010	450

\*There could be variations in specifications and colors due to continuous product development. All sizes and capacities are approximate.



The new Ganga Health range of anti-bacterial water storage tanks has been designed keeping in mind the good health of your family. This tank is free from hazardous heavy metal which keeps water safe for human consumption. It is made up of 3 layers, each one serving a very specific purpose and ideal for household and industrial applications.

## Ganga Health Tank



### Available Colours



Superior Rotational Moulded threaded lid



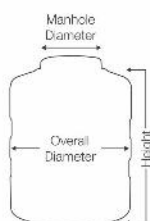
### Salient Features:

- ▶ Inner **Anti-bacterial** layer, which keeps tank surface free from bacteria.
- ▶ Intermittent black color **UV sun-shield** layer which protects it from harmful UV rays.
- ▶ Outer high quality **titanium loaded layer** gives strength and whiteness to the tank.
- ▶ Free from hazardous heavy metals as per the European standards which makes the water safe for drinking purpose.
- ▶ Available in sizes from 550 to 5000 ltrs.

Cross-section of 'Ganga Health 3 Layer' water tank



RoHS: Ganga Health tanks are certified as per the Restriction of Hazardous substance (RoHS) Directive (European Union) 2015/863, which ensures that there are no hazardous heavy metals like Lead, Mercury, Cadmium etc present in the tanks.



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
550	870	960	390
750	985	1040	390
1100	1110	1200	390
1500	1230	1345	390
2000	1350	1490	390
3000	1550	1820	450
5000	1880	2010	450

\*There could be variations in specifications and colors due to continuous product development. All sizes and capacities are approximate.



## Ganga Pro Tank

The Ganga Pro tank is a new range of roto moulding water storage tanks, made up of 3 layers namely white titanium layer (outer layer), environmental stress & UV sun-shield Layer (middle layer), anti-bacterial Layer (inner layer). The anti-bacterial inner layer prevents bacterial growth and keep your water fresh.



### Available Colours



### Salient Features:

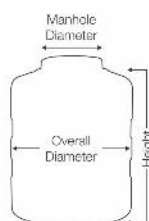
- ▶ Virgin raw material.
- ▶ Threaded lid.
- ▶ Anti-bacterial layer.
- ▶ Light weight yet super strong.
- ▶ 10 years guarantee.
- ▶ Available in sizes from 500 to 5000 ltrs.

Cross-section of 'Ganga Pro 3 Layer' water tank



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
500	820	965	390
700	940	1030	390
1000	1060	1110	390
1500	1230	1320	390
2000	1340	1480	390
3000	1550	1820	450
5000	1880	2010	450



\*There could be variations in specifications and colors due to continuous product development. All sizes and capacities are approximate.

Ganga ISI is a superior quality rotational moulded water tank conforming to IS 12701: 1996 (reaffirmed 2006). Polyethylene (PE) of rotational moulded grade, which is duly stabilized with anti – oxidants is used as raw material for manufacturing of the tank. The compound, hence formed, provides protection against heat and oxidation of tanks. The nominal service temperature of Ganga ISI tanks varies from 1° C to 50° C.

Since, we use the conventional rotational moulding technology for manufacturing of these tanks therefore, the finished product comes out to be stronger and more rigid as compared to other tanks in the market.

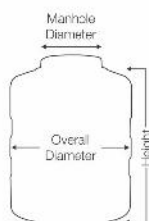


## Ganga ISI Tank



### Salient Features:

- ▶ Virgin raw material.
- ▶ Double layer tank.
- ▶ Heat & oxidation resistant.
- ▶ Threaded lid for ease of opening and closing.
- ▶ Smooth surface finish.
- ▶ Odour free.
- ▶ Available in sizes from 200 to 10000 ltrs.



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
200	742	560	280
300	761	770	280
500	905	1000	400
700	1020	1045	400
1000	1127	1230	400
1500	1320	1410	400
2000	1400	1610	390
3000	1620	1890	460
5000	1846	2010	460
10000	2045	2800	460



The Ganga R water storage tanks are manufactured using the most reliable process. They are much stronger than other ordinary tanks existing in the market. The aero - dynamic design makes them a unique work of engineering. These tanks are technologically superior to other tanks and offer a unique combination of durability and economy.

The Ganga R tank are anti-bacterial water storage tanks which are designed keeping in view all kinds of applications - domestic, commercial and industrial. Moreover, every tank goes through strict Quality Control checks before it leaves the plant.



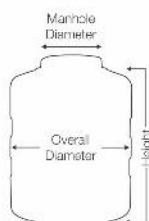
## Ganga R Tank

### Available Colour



### Salient Features:

- ▶ Available in 3 layers.
- ▶ Made of best quality plastic.
- ▶ Available in sizes from 3000 to 10000 ltrs.



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
500	870	920	390
700	950	1060	390
1000	1080	1200	390
1500	1320	1260	390
2000	1360	1500	390
3000	1550	1750	480
5000	1880	2010	480

Presenting the most advanced 6 layer Tank series Ganga T-90 the most robust Water Tanks ever made with 6X Strength. The advanced Ganga T-90 Tanks comes with Titanium loaded layer that provides it extra strength, extreme durability and longevity. These tanks are particularly resistant to any kind of degradation caused by bacteria or other external environmental factors as compared to the ordinary water tanks, which makes them safe to for drinking. With Ganga T-90 Six layers Water Tank Series, you get the multiple layers' assurance of safety and purity of water. A thoughtfully designed Tank series; combines the best technology with the highest quality standards. Furthermore, these tanks are formulated with anti-bacterial and thermal shield properties which provide 99.9% protection against bacteria, algae, fungus on tank surfaces. The T-90 Tanks are unequalled in quality, hygiene and durability offering you the freedom and peace of mind to use your tank for storing potable water.



## Ganga T-90 Tank

### Available Colour



### Salient Features:

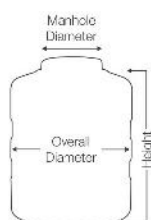
- ▶ Inner anti-bacterial layer, which keeps tank surface free from bacteria.
- ▶ Two black colour UV sun-shield layers, which protects it from harmful UV rays.
- ▶ Titanium-loaded layer, which enhances Durability of the tank.
- ▶ Grey colour layer, which gives additional strength to the tank.
- ▶ The colour heat reflective Golden Lime colour layer, which helps to maintain water temperature of the tank & keeps water safe.
- ▶ Available in sizes from 500 to 2000 ltrs.

Cross-section of 'Ganga T-90' Water tank



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
500	545	1015	390
750	965	1155	390
1000	1050	1260	390
1500	1200	1400	390
2000	1325	1590	390



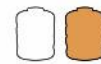




## Ganga For Life Tank

The Ganga for Life tank range of anti-bacterial water storage tank have been designed keeping in view the needs of all kinds of applications - domestic, commercial and industrial. The water storage systems are available in various capacities from 200 to 2000 liters. Every tank is made up of multiple layers(3 & 4 layers), each one serving a very specific purpose. Moreover, every tank goes through with strict Quality Control checks before it leaves the plant.

### Available Colours

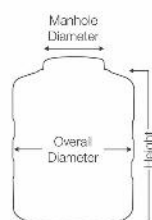


### Salient Features:

- ▶ Rounded edges to avoid stress formation.
- ▶ Computer Aided Design(CAD) incorporating the principles of finite element analysis.
- ▶ Inner anti-bacterial layer resistant to - which in turn means increased life of tank.
- ▶ Odourless and better quality of water, which means better health for you & your family.
- ▶ Available in 3 & 4 layers.
- ▶ Available in sizes from 200 to 2000 ltrs.



Unique Threaded Lid



Cross-section of 'Ganga for Life 4 Layer' water tank



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
200	650	733	390
300	760	750	390
500	845	1015	390
700	965	1155	390
1000	1050	1260	390
1500	1200	1400	390
2000	1325	1590	390

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.

The Ganga Silk is a range of blow-moulded water storage tanks, made up of 3 layers namely, White titanium layer (outer layer), fine carbon distribution layer and the anti-bacterial Layer (inner layer). The anti-bacterial inner layer prevents bacterial growth and keep your water fresh.



## Ganga Silk Tank

### Available Colours

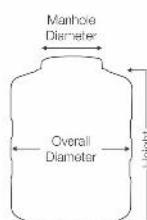
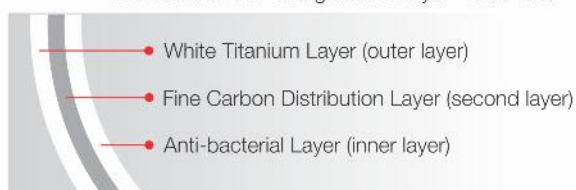


### Salient Features

- ▶ Virgin raw material.
- ▶ Threaded lid.
- ▶ Anti-bacterial layer.
- ▶ Light weight yet super strong.
- ▶ Available in sizes from 500 to 1000 ltrs.



Cross-section of 'Ganga Silk 3 Layer' water tank



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Height (mm)	Manhole Dia (mm)
500	860	940	380
750	960	1090	380
1000	1050	1220	380

Loft tanks are specifically designed and manufactured for kitchen and household purposes. They are rectangular in shape and can be easily accommodated in kitchens and other places. For domestic purposes, these tanks are considered useful and efficient in an industrial setup because of their corrosion-resistant and chemically inactive nature.



## Ganga Loft Tank



### Salient Features:

- ▶ Virgin raw material.
- ▶ Stylish design.
- ▶ Multipurpose usage.
- ▶ Suitable for small spaces.
- ▶ Available in 3 layers.

### SPECIFICATION

Capacity (Ltrs.)	Length (mm)	Width (mm)	Height (mm)	Manhole Dia (mm)
100	780	535	280	268
200	955	655	380	268
300	1110	750	420	268
500	1355	950	460	268

\*There could be variations in specifications and colors due to continuous product development. All sizes and capacities are approximate.





With the increasing population and demands of every individual, conserving space has become the utmost concern for a diverse country like ours. Minimalism is the key to create more space and our line of products truly hold this characteristic. Besides underground solutions, convenience of mobility is also a unique feature which saves money and valuable time to build facilities. Manufactured using rotomoulding process, Vectus underground water tanks are one-piece moulded tanks used for underground storage of potable drinking water, wastewater & rainwater collection. We further provide 5 years guarantee on each tank.

## Unique Features:

- ▶ Structurally strong.
- ▶ Lifting provision for easy handling.
- ▶ Made of food grade material which makes it resistant to fungus and bacterial growth.
- ▶ Easy to install.
- ▶ Comes with an airtight manhole cover assembly that prevents contaminants from flowing into the tank.
- ▶ Being modular, it's easy to expand.
- ▶ Impermeable to roots of trees.
- ▶ One piece roto moulded tank without any joints, hence leakage proof.

## Usage:

- ▶ Underground water storage.
- ▶ Rainwater harvesting.
- ▶ Water storage for industries.
- ▶ Storage for fire fighting.
- ▶ Easy reservoirs for irrigation system.



## SPECIFICATION

Capacity (Ltrs.)	Length (mm)	Width (mm)	Height (mm)	Manhole Dia (mm)
1000	1450	1060	1395	600
2000	1830	1340	1700	600
5000	2120	1870	2150	600

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.

