



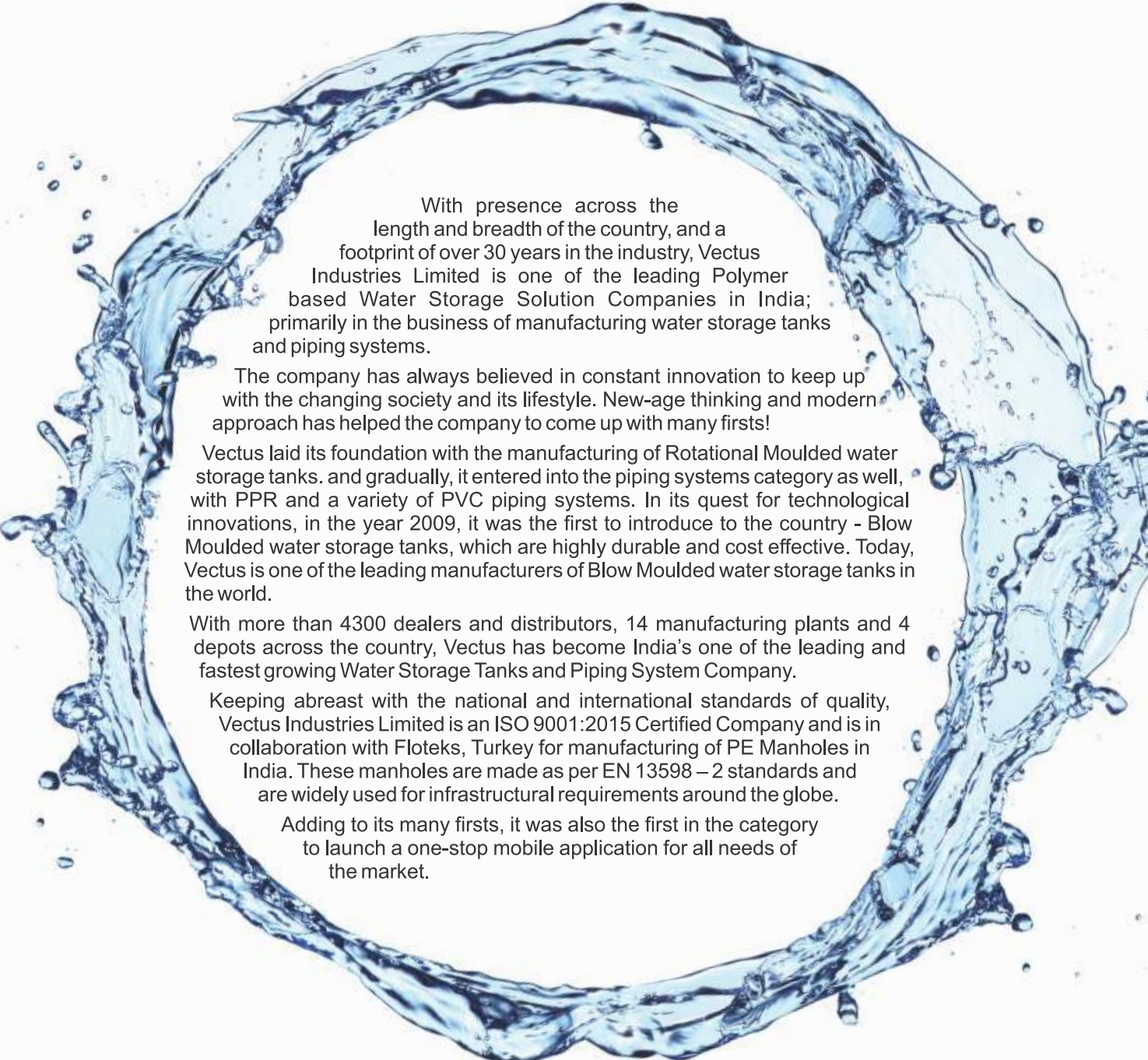
India ki Waterline!



We live and breathe the philosophy
that nature & people matter
and results count.



< About the Company >



With presence across the length and breadth of the country, and a footprint of over 30 years in the industry, Vectus Industries Limited is one of the leading Polymer based Water Storage Solution Companies in India; primarily in the business of manufacturing water storage tanks and piping systems.

The company has always believed in constant innovation to keep up with the changing society and its lifestyle. New-age thinking and modern approach has helped the company to come up with many firsts!

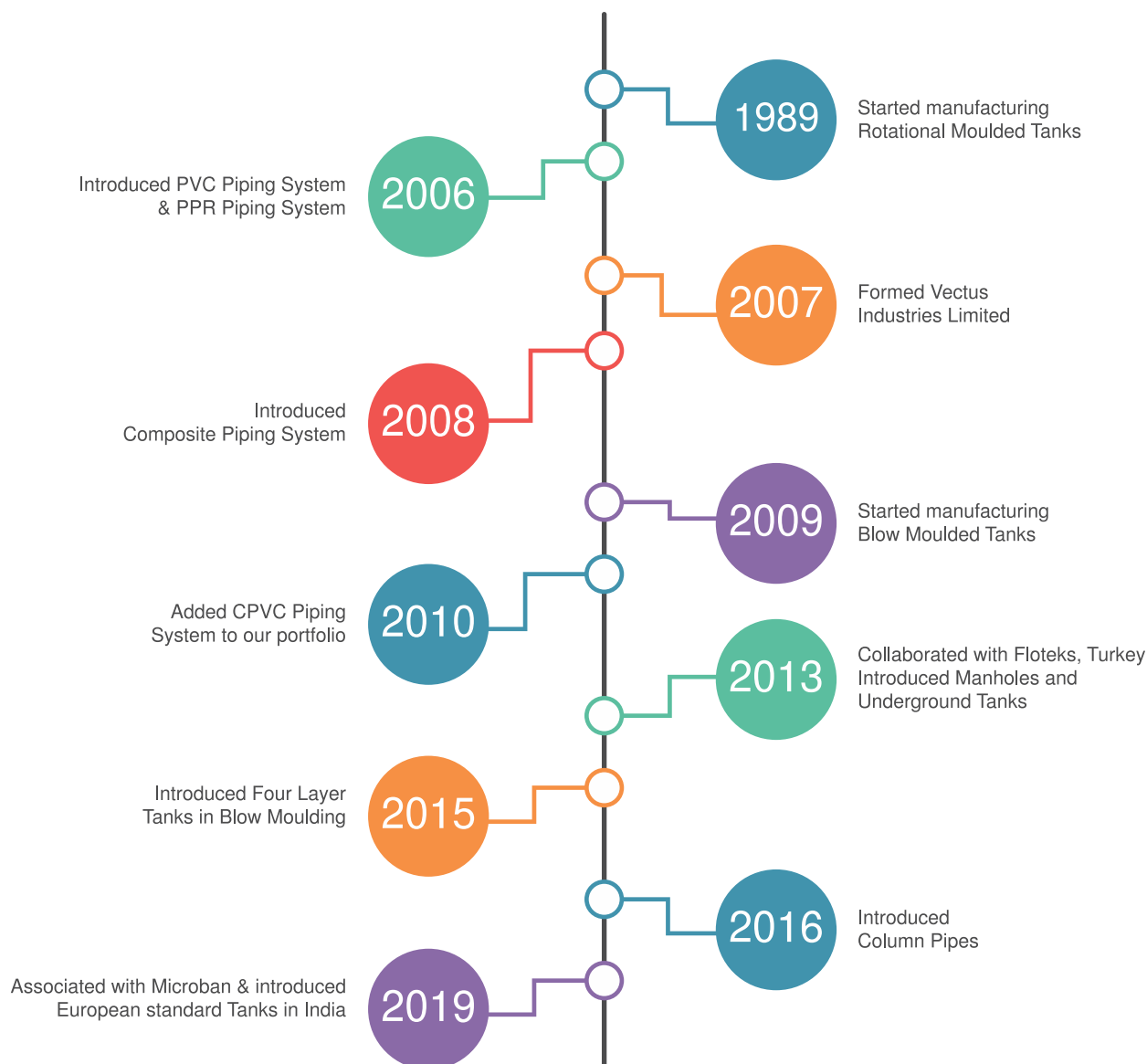
Vectus laid its foundation with the manufacturing of Rotational Moulded water storage tanks. and gradually, it entered into the piping systems category as well, with PPR and a variety of PVC piping systems. In its quest for technological innovations, in the year 2009, it was the first to introduce to the country - Blow Moulded water storage tanks, which are highly durable and cost effective. Today, Vectus is one of the leading manufacturers of Blow Moulded water storage tanks in the world.

With more than 4300 dealers and distributors, 14 manufacturing plants and 4 depots across the country, Vectus has become India's one of the leading and fastest growing Water Storage Tanks and Piping System Company.

Keeping abreast with the national and international standards of quality, Vectus Industries Limited is an ISO 9001:2015 Certified Company and is in collaboration with Floteks, Turkey for manufacturing of PE Manholes in India. These manholes are made as per EN 13598 – 2 standards and are widely used for infrastructural requirements around the globe.

Adding to its many firsts, it was also the first in the category to launch a one-stop mobile application for all needs of the market.

< Milestones >



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Recent Awards and Accolades



SAP HANA Innovation Award 2017

Vectus Industries Limited has been felicitated by the SAP HANA Innovation Award 2017 for reducing operational costs by implementing SAP S/4 HANA 1511 On-Premise Edition across PAN India operations.

World's Greatest Brands 2015 Asia & GCC

The team of experts after much deliberation and consideration, rewarded and acknowledged Vectus Industries Ltd. as one of the World's Greatest Brands Asia 2015 in a prestigious award ceremony held in Dubai.



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EUROPEAN STANDARD TANKS NOW IN INDIA!

Our new range of **anti-bacterial** & **heavy metal-free** tanks
certified as per European Standards!



< Our Product Portfolio >

We are a complete water storage solution provider company. With our three decades of trust, superior quality, cutting edge technology and consumer friendly designs, our products enjoy a proven track record of excellence. Our overhead and underground tanks are designed and manufactured keeping in mind the industry needs and the ever-changing demands of our consumers. Water is the lifeline for every being, we at Vectus, with our complete range of Plumbing system to Water storage solution in household, agriculture and industrial sector, touch millions of lives across the country, which makes us "India ki Waterline"

Vectus manufactures an extensive range of products for agricultural, industrial and domestic applications under these product categories,

- ▶ Vectus Pipes and Fittings
- ▶ Vectus Water Storage Tanks (Overhead and Underground Tanks)
- ▶ Vectus Household Plastics



< Piping Systems >

To transfer water in the most apt manner, ensuring not even a drop is wasted is the most challenging task. We all know the current situation of water on our planet. So it becomes more important for us as a company to be more responsible. The reason why, we keep innovating and researching to create products to conserve this most essential element of life.

A piping system plays an important role as it is responsible for transferring water from the source to the end user without causing any leakage or wastage. Having a good labyrinth of piping is one thing, but having a piping system that does not corrode, crack or break due to external force or internal water pressure is what is the most important factor to be considered while choosing a piping system.

Be it the transfer of potable water from a water source to homes or for industrial use, it is necessary that a piping system is strong enough to bear any external force, sustain under any environmental conditions.

We are one of the largest manufacturers of PVC pipes. Our well-diversified portfolio of piping systems is ideal for industrial,

household, as well as, agricultural needs. Besides the piping system for transference of water, we also manufacture piping system suitable to be used for other liquids and gases as well.

Our line of Vectus Piping Systems:

- ▶ CPVC Piping System
- ▶ uPVC Piping System
- ▶ PPR Piping System
- ▶ Composite Piping System
- ▶ SWR Drainage System
- ▶ Agri Piping System
- ▶ Column Pipes
- ▶ Casing Pipes
- ▶ HDPE Pipes



CPVC Piping System



Vectus CPVC pipes and fittings are manufactured using world class raw material and technology, which makes them ideal for both hot and cold water distribution systems. These pipes are made from a special plastic, chemically known as Chlorinated Polyvinyl Chloride, commonly known as CPVC.

These pipes are a unique combination of high impact resistance, with no compromise in the pressure bearing capacity / tensile strength or Vicat softening temperature. These qualities lower the chances of cracks / damages while handling, during storage and installation.

The pipes are manufactured as per IS 15778 & ASTM F 441 while the fittings are manufactured as per ASTM D 2846 & ASTM F 439 in CTS (Copper Tube Sizing).

- Pipes are available in SDR 11, SDR 13.5, SCH 40 & SCH 80
- The available range of pipes and fittings varies from 15 mm to 100 mm



► Features



Corrosion Resistant



High Strength



UV Resistant



Maintenance Free



Self-Extinguishing



Can With stand up to 82°C

► Applications



Hot & Cold Plumbing



Carrying Corrosive Fluids



Transference of Drinking Water



Residential Purposes



Industrial Use

Vectus uPVC pipes and fittings are specifically designed for cold water operations in residential buildings and offices. These pipes are non-toxic and lead free which makes them safe for carrying potable water. The jointing process is accomplished quickly and easily using inexpensive tools. Hence, reducing labor and installation cost to a great extent.

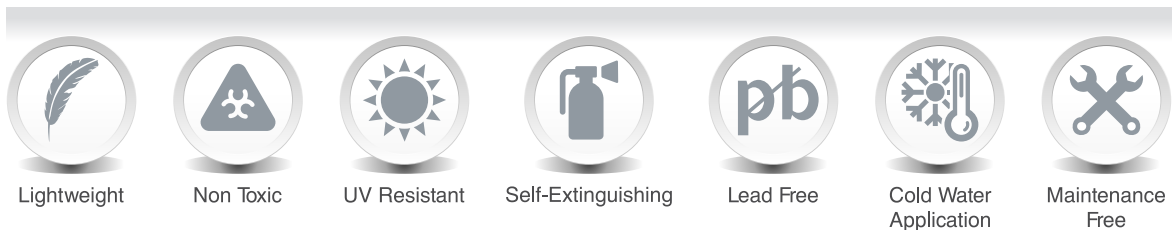
Vectus uPVC pipes are manufactured as per ASTM D 1785 and fittings are manufactured as per ASTM D 2467 wherein, pipes are available in SCH 40 and SCH 80.

- The available range of pipes and fittings varies from 15 mm to 100 mm.

uPVC Piping System



► Features



► Applications



PPR Piping System



Vectus PPR pipes and fittings are manufactured using Polypropylene Random Copolymer (PP-RC), which is the most reliable polymer in the piping industry. The superior physical characteristics of PPR such as having a working temperature from -20° upto 95°C, along with excellent chemical resistance, providing a definite solution to oxidation and calcification; make Vectus PPR Piping Systems ideal primarily for chemical transportation, in pharmaceutical companies and for other industrial use, as well as, hot & cold water plumbing systems in buildings and industrial piping.

Due to the high level of strength and light weight, Vectus PPR Piping System prove to be the most trusted piping system to be employed in industrial applications and water supply (hot and cold).

The physio-chemical features of Polypropylene Random Copolymer and the type of welding carried out - fusion welding - ensures that the piping system maintains a perfect seal even under the most difficult conditions, which makes it suitable to be used for various other systems like air distribution, radiator heating, etc. Vectus PPR Piping System are physically superior, hygienically safe and non-carcinogenic.

The Pipes are manufactured as per IS 15801 and are available in PN 6, PN 10, PN 16 & PN 20.

- The available range of pipes and fittings varies from 16 mm to 160 mm.
- The pipes & fittings are available in 2 different colours: ○ ●



► Features



Can with stand upto 95°C



Low on Sound



Anti Bacterial



Economical



Low Thermal Expansion



Durable

► Applications



Hot & Cold Plumbing



Transference of Drinking Water



Residential Purposes



Radiator

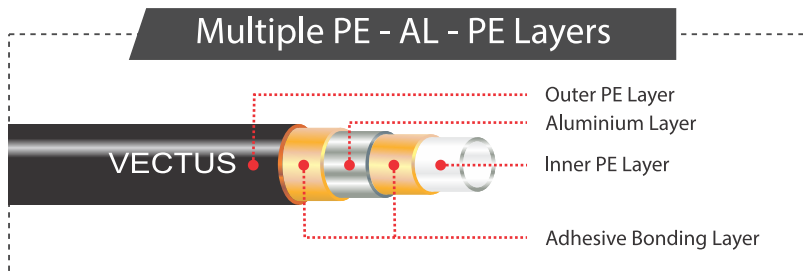


Air Distribution

Vectus Industries Limited manufactures PE-AL-PE multi-layer Composite Pipes, which are composed of an aluminium core encased in an inner and outer layer of Polyethylene. All the layers are permanently bonded together by intermediate adhesive layers

The thickness of the aluminium layer in Vectus Composite Pipes has been selected to meet compressive and flexural strength requirements. This helps to combine the advantages of metal and plastic pipes and eliminate the disadvantages of both materials at the same time.

Composite Piping System



The aluminium core is absolutely diffusion tight and reliably prevents oxygen or gases from permeating into the pipe. It compensates and reduces snap-back forces and heat expansion with changes in temperature.

Vectus black pipe is manufactured as per IS 15450 & Yellow pipe as per ASTM F 1282.

- The available range of pipes and fittings varies from 1014 to 4050.



► Features



► Applications



SWR Drainage System



Vectus SWR (Soil, Waste and Rainwater) Drainage System includes a wide range of soil, waste and rain water plumbing products for residential and industrial developments. The system is available in Ring-Fit and Self-Fit options, wherein the pipes are manufactured as per IS 13592 and fittings are as per IS 14735.

Vectus SWR pipes and fittings are available from 75 mm to 160 mm.

The pipes are available in two types:

- Type A - Used for ventilation pipe work and rainwater harvesting.
- Type B - Used for soil and waste discharge systems.



► Features



Lightweight



UV Resistant



Leak Proof Joint



Yellow Ring for
Fast Installation

► Applications



Offices



Residential
Purposes



Industrial Use



Hospitals



Sewage & Waste
Water Lines



Rainwater
Drainage

Vectus Agri Pipes are manufactured using world class uPVC material, which is achieved by un-plasticizing PVC material, to get more strength and stiffness. The material used for producing these pipes has the ability to stabilize the UV radiation and since it is plastic, so the probability of corrosion is nil, which makes these pipes ideal for use in agricultural or any other outdoor operations. Vectus Agri pipes are manufactured in accordance with IS 4985, covering range from 20 mm to 250 mm in pressure ratings of 2.5, 4, 6 & 10 Kg/cm². The moulded fittings are manufactured as per IS 7834 and the fabricated fittings are manufactured as per IS 10124.

Agri Piping System



IS: 10124



IS: 4985



IS: 7834



► Features



Lightweight



UV Resistant



High
Strength



Corrosion
Resistant



Ideal for
harsh environment

► Applications



Industrial Mining



Industrial Use



Irrigation



Suitable for
Sandy & Saline Water

Column Pipes

Vectus Column Pipes are made from strong uPVC material which makes these pipes ideal for handling water under high pressure. The pipes are available in Socket and Belling type. One of the ends has a female socket and the other has threads. Therefore, the pipes do not require any fittings. The inner surface of Vectus column pipes are very smooth, it doesn't let the water put pressure on the joints, hence also known as Pressure Pipes.

- Belling shaped pipes are available from 1" to 1½"
- Socket shaped pipes are available from 1" to 4"



► Features



Self
Extinguishing



Maintenance
Free



Chemical &
Corrosion Resistant



Smooth Bore



Long Lasting



Transference of
Drinking Water

► Applications



Industrial Mining



Chemical
Distribution



Irrigation



Suitable for
Sandy & Saline Water

Vectus HDPE pipes are manufactured from High Density Polyethylene and as per IS 4984. The pipes are recommended for maximum water temperature of +45° C. They may also be used up to the ambient temperature of -45° C as long as the temperature of the water inside the pipe does not exceed the operating temperature of 27° C. The pipes are extremely useful in water supply, bore well, sprinkler, irrigation, pesticide dispersal, cable ducting, sewage/drainage, natural gas & other gases etc. in urban and rural areas.

- In PE - 63, pipes are available from 20 mm to 400 mm
- In PE - 80 and PE - 100, pipes are available from 20 mm to 400 mm and 32 mm to 400 mm respectively.
- 20 to 40 mm sizes are available in 100 mtr. to 500 mtr. coil.
- 50 to 60 mm sizes are available in 100 mtr. to 300 mtr. coil.
- 75 mm size is available in 100 mtr. to 200 mtr. coil.
- 90 to 110 mm sizes are available in 100 mtr. coil (These will be supplied from Banmore unit).



HDPE Pipes



► Features



UV Resistant



High Strength



Anti Bacterial



Economical



Durable

► Applications



Telephone
Cable Protection



Transference of
Drinking Water



Industrial Use



Irrigation



Sewage & Waste
Water Lines



Gas & Oil
Transmission



< Vectus Water Storage Tanks >

The average daily consumption of water by a person in India is about 200 to 300 litres. With our population crossing 1.32 billion, imagine how quickly we're losing out on our natural resources. At a domestic level, what one can do to use water judiciously and be responsible towards the environment is to conserve it in the best possible way.

This is where the Water Storage Tanks come into play. They are the most reliable and convenient way to store and conserve water for later use. Every household / industry and even a farm needs a water storage tank for a smooth day-to-day functioning.

From being the first in India to introduce blow moulded tanks to being the largest manufacturer of blow moulded tanks in the world, Vectus tanks are strong, durable, anti-bacterial with UV protection technology and most importantly they are leakage-proof.

Our tanks are available in 2, 3 & 4 protective layers and in a variety of colours, one can choose as per their needs. The tanks are manufactured by using two different processes.

▶ Blow Moulding

▶ Roto Moulding



< 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.

Vectus Safe

Available Colours



The new Vectus Safe 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 ideal for household and industrial applications.



Microban® is the global leader in anti-microbial, odour control and surface modification technologies. Its proactive systems keep products cleaner, fresher and more durable by preventing problems before they start.

RoHS: Vectus safe 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.



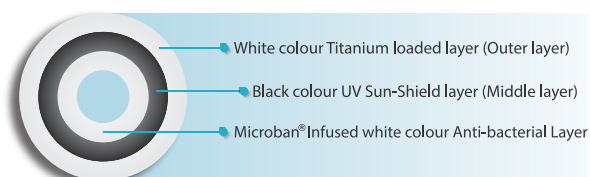
Salient Features

- ▶ The Inner Anti-Bacterial layer infused with Microban® Anti-Bacterial technology, which eliminates bacteria by 99.9%.
- ▶ Intermittent black colour UV Sun-shield layer which protects water from harmful UV rays.
- ▶ Outer high quality Titanium loaded layer which gives strength and whiteness to the tank.
- ▶ Free from Hazardous heavy metals as per the European Standards which make water safe for drinking purpose.
- ▶ Available in sizes - 550, 750, 1100, 1500, 2000, 3000, 5000 & 10,000 liters.



Superior Rotational Moulded threaded lid

Cross-section of 'Vectus Safe 3 Layer' Water Tank



The Vectus 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. Ideal for household and industrial applications.

Vectus Cool

Available Colours



Microban® is the global leader in anti-microbial, odour control and surface modification technologies. Its proactive systems keep products cleaner, fresher and more durable by preventing problems before they start.

RoHS: Vectus 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.

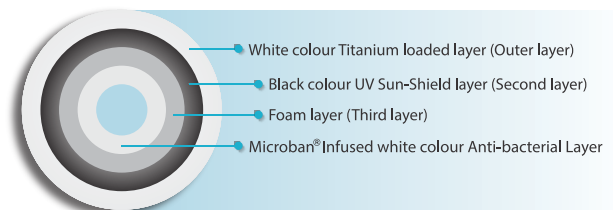


Superior Rotational Moulded threaded lid

Salient Features

- ▶ The Inner Anti-Bacterial layer infused with Microban® Anti-Bacterial technology, which eliminates bacteria by 99.9%.
- ▶ Intermittent Foam layer which keeps water resistant from external temperature variation even under extreme conditions.
- ▶ Intermittent black colour UV sun-shield layer which protects water from harmful UV rays.
- ▶ Outer high quality Titanium loaded layer which gives strength and whiteness to the tank.
- ▶ Free from Hazardous heavy metals as per European Standards which make the water safe for drinking purpose.
- ▶ Available in sizes - 550, 750, 1100, 1500, 2000 3000, 5000 & 10,000 litres.

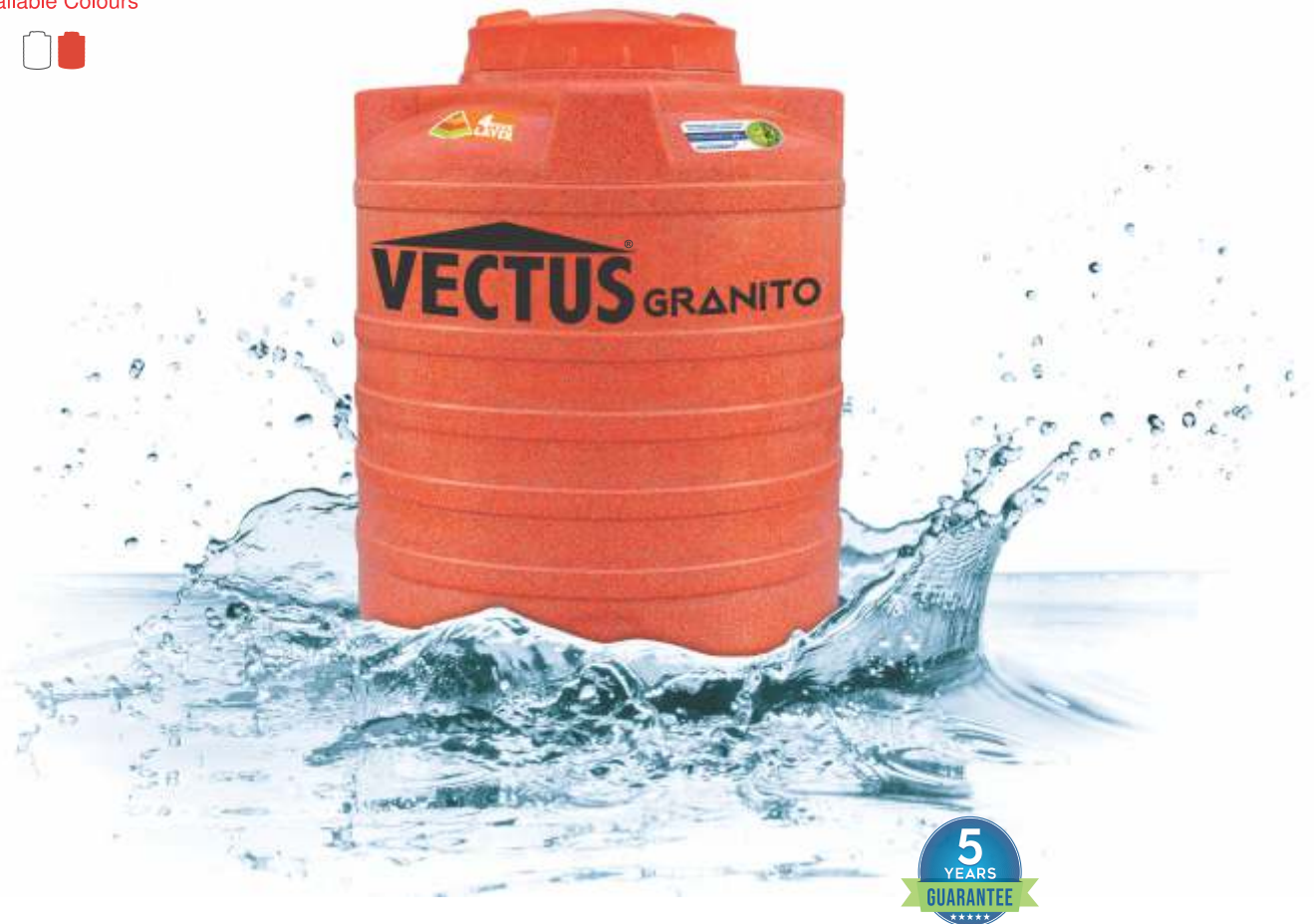
Cross-section of 'Vectus Cool 4 Layer' Water Tank



Vectus Granito

The Vectus Granito range of Anti-Bacterial water storage tanks has a cutting-edge, attractive design. It comes in a granite-finish and is available in 2 different granite shades - red & white. These tanks are made up of 4 layers, each one serving a very specific purpose, ideal for household applications.

Available Colours



Microban® is the global leader in anti-microbial, odour control and surface modification technologies. Its proactive systems keep products cleaner, fresher and more durable by preventing problems before they start.

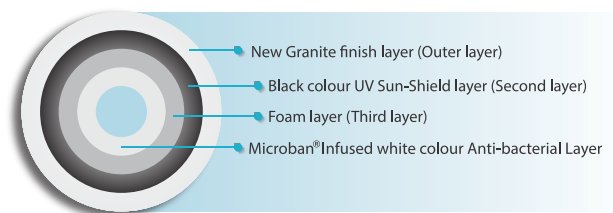


Superior Rotational Moulded threaded lid

Salient Features

- ▶ The Inner Anti-Bacterial layer infused with Microban® Anti-Bacterial technology, which eliminates bacteria by 99.9%.
- ▶ Intermittent Foam layer which keeps water resistant from external temperature variation even under extreme conditions.
- ▶ Intermittent Black colour UV sun-shield layer which protects water from harmful UV rays.
- ▶ The attractive outermost Granite finish layer of the tank enhances the beauty of your house.
- ▶ Available in sizes - 550, 750, 1100, 1500, 2000, 3000 & 5000 liters.

Cross-section of 'Vectus Granito 4 Layer' Water Tank



Vectus 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 Vectus 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. Vectus ISI tanks are available from 200 liters to 10,000 litres.

Vectus ISI



Salient Features

- ▶ Virgin raw material
- ▶ Heat & oxidation resistant
- ▶ Threaded lid for ease of opening and closing
- ▶ Smooth surface finish
- ▶ 5 years of Guarantee
- ▶ Odour free



Vectus Silk

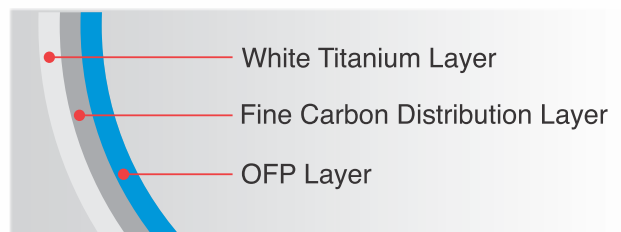
The Vectus Silk is a range of blow-moulded water storage tanks. Made up of 3 layers namely, White Titanium Layer (Outer Layer), Fine Carbon Distribution Layer and the OFP Layer (Inner layer). The Odour-Free Plastic Layer keeps the water free from any unpleasant odour that could form due to growth of microbes or stagnancy of water.

Available Colours



Salient Features

- ▶ Virgin Raw Material
- ▶ Odour-Free Plastic Layer
- ▶ Lightweight yet Super Strong
- ▶ Threaded Lid



The Vectus Next range of anti-bacterial Water Storage Tanks has been designed keeping in view the needs of people for all kinds of applications - domestic, commercial and industrial. Every tank is made up of multiple layers (up to 4), each one serving a very specific purpose.

Although, each Vectus Next Water Storage Tank goes through strict Quality Control checks before it leaves the plant, we further provide 5 years guarantee with every tank.

Vectus Next

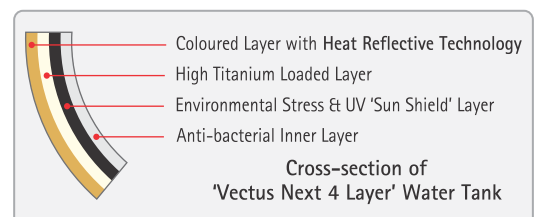
Available Colours



Unique Threaded Lid - a first!

Salient Features

- ▶ Rounded edges to avoid stress formation.
- ▶ Computer Aided Design (CAD) incorporating the principles of Finite Element Analysis.
- ▶ Unique Heat Reflective Technology to increase durability and avoid plastic degradation by sun rays.
- ▶ Inner anti-bacterial layer resistant to all kinds of bacteria, fungi and yeasts - which in turn means increased life of the tank.
- ▶ Odourless water
- ▶ Available in 5 sizes - 500, 750, 1000, 1500 and 2000 liters.



Vectus Loft Tanks

- ▶ Available in 100L, 200L, 300L & 500L.



Vectus Silk

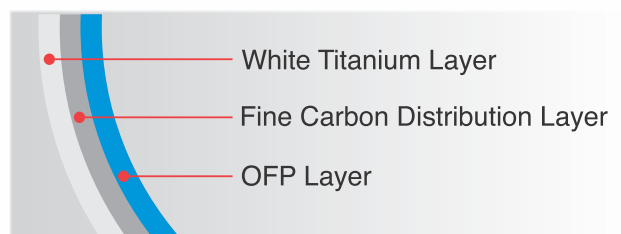
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Available Colours



Salient Features

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- ▶ Lightweight yet Super Strong
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Vectus Next

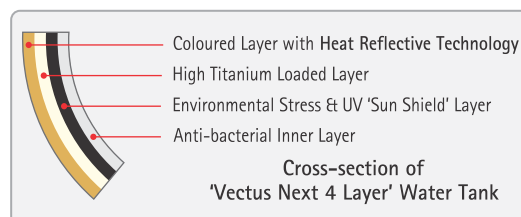
Available Colours



Unique Threaded Lid - a first!

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Vectus Loft Tanks

- ▶ Available in 100L, 200L, 300L & 500L.



< Vectus Waste Management Products (VWMP) >

Vectus Waste management products are of ultra quality, durable garbage bins manufactured at the company's state of the art plants at Gwalior and Kashipur. These bins stand perfect in all kind of waste management in Household, Industrial and Biomedical waste.

Features

- ▶ Manufactured with virgin plastic
- ▶ Suitable for indoor and outdoor use.
- ▶ Can sustain harsh weather
- ▶ Easy collection of waste, comes with and without handle.
- ▶ Comes in multiple sizes ranging from 7 ltrs to 1100 ltrs.
- ▶ Color coded for easy waste segregation

A step towards
'Swachh Bharat'



PE Manholes



Manhole chamber is a major component of any sewage & drainage network. It is used in domestic & industrial sewage/ drainage systems. It is an access point to public utilities and other important service hardware for people. That includes access to sewers, telephone lines, electrical cabling, storm drains, district heating, and gas utilities. This means that manholes do more than providing access to big tunnels. While using Vectus Manhole Chamber, one can change the direction, diameter of pipe and gradient of any sewage & drainage line.

Traditionally, Manhole & inspection chamber was made using concrete & bricks in India. But the underground water, chemicals & gases would always cause cracks & leakages.

PE manholes are designed as per the latest and most comprehensive European standards EN 13598 - 2 have a proven track record with many advantages over conventional brick or concrete manholes:

- ▶ Significantly faster, safer and easier installation - hours vs. days / weeks;
- ▶ No maintenance - no corrosion and hydraulically optimized flow profiles;
- ▶ Highly durable - over 50 years of service life in challenging site conditions ranging from heavy vehicular load, industrial waste to high water table.
- ▶ Environment friendly.



< Vectus Underground Water Storage Tank >

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.

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.

Benefits

- ▶ Zero foot print as completely underground
- ▶ Durable & Light weight
- ▶ Corrosion resistant
- ▶ Easy to handle
- ▶ Easy to relocate
- ▶ Easy to Maintain/ Clean

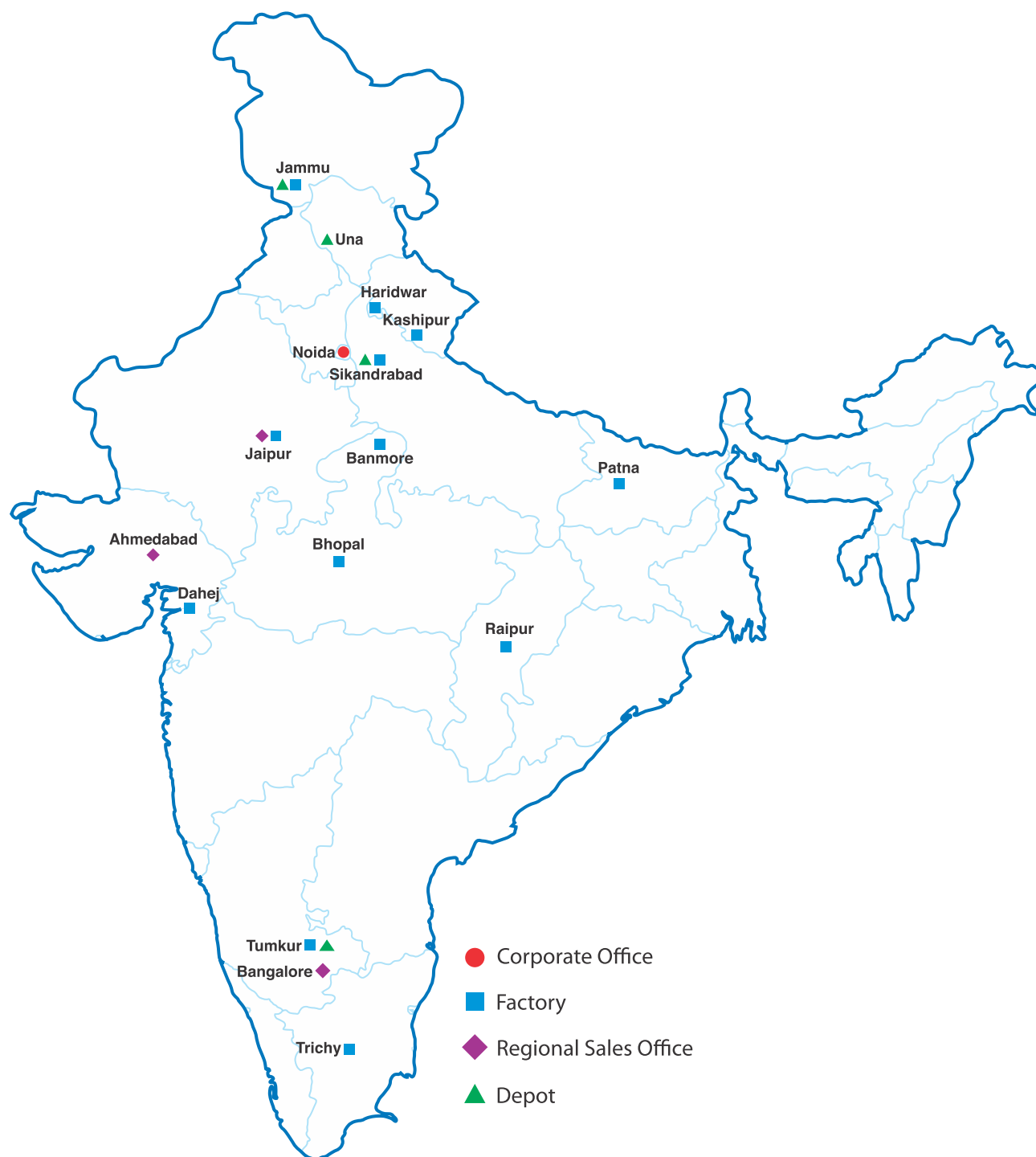
Multipurpose

- ▶ Underground Water Storage
- ▶ Rainwater Harvesting
- ▶ Water storage for Industries
- ▶ Storage for fire fighting
- ▶ Reservoirs for irrigation system





OUR SALES AND SUPPORT NETWORK



VECTUS INDUSTRIES LIMITED

A-36, Sector 83, Noida 201305, UP T: 0120-4753200

E: info@vectus.in TOLL FREE: 1800-120-12345

QR Code



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