

# PVC Pipes Market - Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2017-2022

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## Abstracts

PVC pipes are made up of a plastic resin chemically known as- polyvinyl chloride (PVC), which is the third largest synthetic polymer produced in the world. They are manufactured by the extrusion of a blend of polymer resin (PVC) and various additives. Plasticizers may or may not be added in this mix to impart rigidity or flexibility to the pipe. This blend after heating when forced into a die results in the rigid/flexible PVC pipe coming out. It is then sized, cooled, hauled off and cut in the desired length. Compared to concrete pipes, the manufacturing of PVC pipes requires around four times lesser energy and incurs lower losses of the raw material PVC. The complete recyclability of PVC also makes their environmental footprint far smaller than competing piping materials.

PVC pipes are cost-effective, light-weight, easy to install, long-lasting and do not rust, rot or wear over time. The PVC plastic imparts them the ability to withstand extreme movements, bending and rigorous shaking of earth in earthquake prone areas without experiencing any damage. They are continuously replacing conventional metal pipes and currently account for nearly 60% of the total plastic pipes produced worldwide. Their high resistance to chemicals and a high tensile strength to withstand high fluid pressure makes them suitable for water supply schemes. With excellent electrical and heat insulation properties, they are also gaining acceptance in electrification purposes. Globally, their demand is mostly growing in water supply systems, irrigation systems, water sprinkling systems, underground sewage, drainage lines and wiring. According to IMARC Group, the global PVC pipes market has grown at a CAGR of around 5% during 2009 – 2016 with production volumes reaching 20.6 Million Tons in 2016.

IMARC's latest study "PVC Pipes Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2017-2022" provides a techno-commercial roadmap

for setting up a PVC pipes manufacturing plant. The study, which has been done by one of the world's leading research and advisory firms, covers all the requisite aspects of the PVC pipes market. This ranges from macro overview of the market to micro details of the industry performance, processing and manufacturing requirements, project cost, project funding, project economics, expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who are planning to foray into the PVC pipes market in any manner.

### **KEY QUESTIONS ANSWERED IN THIS REPORT:**

How has the PVC market performed so far and how will it perform in the coming years?

What are the key regional markets in the global PVC industry?

What are the key application areas in the global PVC industry?

How has the PVC pipes market performed so far and how will it perform in the coming years?

What are the key regional markets in the global PVC pipes industry?

What are the key application areas in the global PVC pipes industry?

What are the various stages in the value chain of the PVC pipes industry?

What are the key driving factors and challenges in the PVC pipes industry?

What is the structure of the PVC pipes industry and who are the key players?

What is the degree of competition in the PVC pipes industry?

What are the profit margins in the PVC pipes industry?

What are the key requirements for setting up PVC pipes manufacturing plant?

How are PVC pipes manufactured?

What are the various unit operations involved in PVC pipes plant?

What is the total size of land required for setting up PVC pipes plant?

What are the machinery requirements for setting up PVC pipes plant?

What are the raw material requirements for setting up PVC pipes plant?

What are the packaging requirements for PVC pipes?

What are the transportation requirements for PVC pipes?

What are the utility requirements for setting up PVC pipes plant?

What are the manpower requirements for setting up PVC pipes plant?

What are the infrastructure costs for setting up PVC pipes plant?

What are the capital costs for setting up PVC pipes plant?

What are the operating costs for setting up PVC pipes plant?

What will be the income and expenditures for PVC pipes plant?

What is the time required to break-even?

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