

uPVC Pipes: An Investment Opportunity

India's Piping Market is Worth around Rs 15,000 crores and is Growing at 20 per cent Annually

(Unplasticized Polyvinyl Chloride Pipe, Rigid PVC, Vinyl Siding)

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

Today, real estate developers have plentiful sanitaryware, piping and fittings choices. Metal piping options include copper and iron and steel variants. In plastic, the selection includes unplasticised polyvinyl chloride (uPVC) pipes, chlorinated polyvinyl chloride (CPVC) pipes, polypropylene random copolymer (PPR) pipes and high-density polyethylene (HDPE) pipes. Developer avoid using metal pipes like galvanised iron pipes because those aren't suited to handle the sort of water most commonly supplied hard water with high TDS levels.

Metal pipes scale and get corroded very fast.' An expanding market encourages customer-specific innovation. To cater to developers of townships and large real estate projects, Supreme is focusing on offering end-to-end piping solutions products.

India's piping market is worth around Rs 15,000 crore and is growing at 20 per cent annually. 'Demand for fittings is growing at 12 to 15 per cent per annum, says Atul Sanghvi, Executive Director, CERA Sanitaryware Ltd.

-----According to Article Published in
Construction World Magazine

uPVC, also known as rigid PVC, is extensively used in the building industry as a low-maintenance material. The material comes in a range of colors and finishes, including a photo-effect wood finish, and is used as a substitute for painted wood, mostly for window frames and sills when installing double glazing in new buildings, or to replace older single-glazed windows. Other uses include fascia, and siding or weatherboarding. This material has almost entirely replaced the use of cast iron for plumbing and drainage, being used for waste pipes, drainpipes, gutters and downspouts. uPVC does not contain phthalates, since those are only added to flexible PVC, nor does it contain BPA.

uPVC is known as having strong resistance against chemicals, sunlight, and oxidation from water.

uPVC has high chemical resistance across its operating temperature range, with a broad band of operating pressures. Due to its long-term strength characteristics, high stiffness and cost effectiveness, uPVC systems account for a large proportion of plastic piping installations. Unplasticized Polyvinyl Chloride Pipes (uPVC) can be used in a wide range of applications including electrical and telephone cables, sewer pipes and potable water supply. The uPVC versions often replace wood when building window frames and sills.

The uPVC pipe variant also often replaces pipes made of cast iron for drains, waste piping, downspouts and gutters.

Being made of a tasteless and odorless material, uPVC pipes remain neutral to all transported fluids. uPVC is completely inert and is widely used for transporting liquids made for human consumption. Unplasticized PVC pipes are strong yet light, their specific gravity being approximately one-fifth of Cast Iron. As a result, these pipes are more easily handled than their metal counterparts. Reasonable care, however, should be used at all times.

Application

Water Supply:- uPVC Pipe are the best for water supply scheme, such as water supply distribution network, main line, casing for tube well & raising main for hand pump.

Chemical Industries: - uPVC is very good for transporting of Chloride acid & other chemicals.

Sewer Systems: - uPVC pipe of large diameter can be used for sewer system.

- **Cable Conduits:** - uPVC pipe are most suitable as electrical conduits.
- **Agriculture:** - uPVC pipe are very suitable for agriculture purposes such as for irrigation sprinkling pipe for farm land & other purposes.
- **Crude oil Lines:** - uPVC pipe resist corrosion, the deposit build up process is also difficult which result the low friction rate and thus making. uPVC pipe the most suitable for the crude oil line.

Project at a Glance

Capacity	: 2160 MT uPVC Pipes (Different Diameter)/Annum
Plant and Machinery	: 146 Lakh
Cost of Project	: 518 Lakh
Rate of return	: 42%
Break Even Point	: 59%

Niir Project Consultancy Services (NPCS)
can provide Detailed Project Report on
uPVC Pipes

See more

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<https://goo.gl/V2xzsX>

Major Queries/Questions Answered in the Report?

1. What is uPVC Pipes ?
2. How has uPVC Pipes the performed so far and how will it perform in the coming years ?
3. What is the Project Feasibility of a uPVC Pipes ?
4. What are the requirements of Working Capital for setting up a uPVC Pipes ?

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a uPVC Pipes ?**
- 10. What are the requirements of raw material for setting up a uPVC Pipes ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a uPVC Pipes ?**
- 12. What is the Manufacturing Process and Formulations of a uPVC Pipes ?**

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Reasons for buying our report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the project**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on uPVC Pipes” provides an insight into the uPVC Pipes market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of uPVC Pipes project. The report assesses the market sizing and growth of the Indian uPVC Pipes Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the uPVC Pipes sector in India along with its business prospects. Through this report we have identified uPVC Pipes project as a lucrative investment avenue.

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can provide Detailed Project Report on
uPVC Pipes

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- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

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- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection



Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research



Report Compilation

Who do we serve?

- *Public-sector Companies*
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- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

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- *Biodegradable & Bioplastic Based Projects*
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- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

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- *Fibre Glass & Float Glass*
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- *Food, Bakery, Agro Processing*

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- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
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