
Description:

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. 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.

“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?

Contents:

1 Preface
2 Research Methodology
3 Executive Summary
4 Introduction
4.1 Overview
4.2 Key Industry Trends
5 Global PVC Industry
5.1 Market Overview
5.2 Market Performance
5.3 Market Breakup by Region
5.4 Market Breakup by Application
5.5 Market Forecast
6 Global PVC Pipes Industry
6.1 Market Overview
6.2 Market Performance
6.3 Market Breakup by Region
6.4 Market Breakup by Application
6.5 Market Forecast
6.6 SWOT Analysis
6.6.1 Strengths
6.6.2 Weaknesses
6.6.3 Opportunities
6.6.4 Threats
6.7 Value Chain Analysis
6.8 Porter's Five Forces Analysis
6.8.1 Overview
6.8.2 Bargaining Power of Buyers
6.8.3 Bargaining Power of Suppliers
6.8.4 Degree of Competition
6.8.5 Threat of New Entrants
6.8.6 Threat of Substitutes
6.9 Key Market Drivers and Success Factors
7 PVC Pipes Market: Performance of Key Regions
7.1 Asia
7.2 North America
7.3 Europe
7.4 Middle East and Africa
7.5 Latin America
8 PVC Pipes Market: Market by Application
8.1 Irrigation
8.2 Water Supply
8.3 Sewerage
8.4 Plumbing
8.5 HVAC
8.6 Oil and Gas
9 Competitive Landscape
10 PVC Pipes Manufacturing Process
10.1 Product Overview
10.2 Detailed Process Flow
10.3 Various Types of Unit Operations Involved
10.4 Mass Balance and Raw Material Requirements

11 Project Details, Requirements and Costs Involved
11.1 Land Requirements and Expenditures
11.2 Construction Requirements and Expenditures
11.3 Plant Machinery
11.4 Raw Material Requirements and Expenditures
11.5 Packaging Requirements and Expenditures
11.6 Transportation Requirements and Expenditures
11.7 Utility Requirements and Expenditures
11.8 Manpower Requirements and Expenditures
11.9 Other Capital Investments

12 Loans and Financial Assistance

13 Project Economics
13.1 Capital Cost of the Project
13.2 Techno-Economic Parameters
13.3 Product Pricing and Margins Across Various Levels of the Supply Chain
13.4 Taxation and Depreciation
13.5 Income Projections
13.6 Expenditure Projections
13.7 Financial Analysis
13.8 Profit Analysis

14 Key Player Profiles

List of Figures
Figure 1: Global: PVC Industry Overview
Figure 2: Global: PVC Market: Volume Trends (in Million Tons), 2009 - 2016
Figure 3: Global: PVC Market: Breakup by Region (in %), 2016
Figure 4: Global: PVC Market: Breakup by Application (in %), 2016
Figure 5: Global: PVC Pipes Industry Overview
Figure 6: Global: PVC Pipes Market: Volume Trends (in Million Tons), 2009-2016
Figure 7: Global: PVC Pipes Market: Breakup by Region (in %), 2016
Figure 8: Global: PVC Pipes Market: Breakup by Application (in %), 2016
Figure 9: Global: PVC Pipes Market Forecast: Volume Trends (in Million Tons), 2017 - 2022
Figure 10: Global: PVC Pipes Industry: SWOT Analysis
Figure 11: Global: PVC Pipes Industry: Value Chain Analysis
Figure 12: Global: PVC Pipes Industry: Porter's Five Forces Analysis
Figure 13: Asia: PVC Pipes Market (in '000 Tons), 2009, 2016 & 2022
Figure 14: North America: PVC Pipes Market (in '000 Tons), 2009, 2016 & 2022
Figure 15: Europe: PVC Pipes Market (in '000 Tons), 2009, 2016 & 2022
Figure 16: Middle East and Africa: PVC Pipes Market (in '000 Tons), 2009, 2016 & 2022
Figure 17: Latin America: PVC Pipes Market (in '000 Tons), 2009, 2016 & 2022
Figure 18: Global PVC Pipes Market: Irrigation (in '000 Tons), 2009, 2016 & 2022
Figure 19: Global PVC Pipes Market: Water Supply (in '000 Tons), 2009, 2016 & 2022
Figure 20: Global PVC Pipes Market: Sewerage (in '000 Tons), 2009, 2016 & 2022
Figure 21: Global PVC Pipes Market: Plumbing (in '000 Tons), 2009, 2016 & 2022
Figure 22: Global PVC Pipes Market: HVAC (in '000 Tons), 2009, 2016 & 2022
Figure 23: Global PVC Pipes Market: Oil and Gas (in '000 Tons), 2009, 2016 & 2022
Figure 24: PVC Pipes Manufacturing Plant: Detailed Process Flow
Figure 25: PVC Pipes Manufacturing Process: Conversion Rate of Products
Figure 26: PVC Pipes Manufacturing Plant: Proposed Plant Layout
Figure 27: PVC Pipes Manufacturing Plant: Packaging Requirements
Figure 28: PVC Pipes Manufacturing Plant: Breakup of Capital Costs (in %)
Figure 29: PVC Pipes Industry: Profit Margins at Various Levels of the Supply Chain
Figure 30: PVC Pipes Manufacturing Plant: Manufacturing Cost Breakup (in %)

List of Tables
Table 1: Global: PVC Market: Key Industry Highlights, 2016 and 2022
Table 2: Global: PVC Market Forecast: Breakup by Region, 2017 - 2022
Table 3: Global: PVC Market Forecast: Breakup by Application, 2017 - 2022
Table 4: Global: PVC Pipes Market: Key Industry Highlights, 2016 and 2022
Table 5: Global: PVC Pipes Market Forecast: Breakup by Region, 2017 - 2022
Table 6: Global: PVC Pipes Market Forecast: Breakup by Application, 2017 - 2022
Table 7: PVC Pipes Manufacturing Plant: Costs Related to Land and Site Development (in US$)
Table 8: PVC Pipes Manufacturing Plant: Costs Related to Civil Works (in US$)
Table 9: PVC Pipes Manufacturing Plant: Costs Related to Machinery (in US$)
Table 10: PVC Pipes Manufacturing Plant: Raw Material Requirements
Table 11: PVC Pipes Manufacturing Plant: Costs Related to Salaries and Wages (in US$)
Table 12: PVC Pipes Manufacturing Plant: Costs Related to Other Capital Investments (in US$)
Table 13: Details of Financial Assistance Offered by Financial Institutions
Table 14: PVC Pipes Manufacturing Plant: Capital Costs (in US$)
Table 15: PVC Pipes Manufacturing Plant: Techno-Economic Parameters
Table 16: PVC Pipes Manufacturing Plant: Taxation and Depreciation
Table 17: PVC Pipes Manufacturing Plant: Income Projections (in US$)
Table 18: PVC Pipes Manufacturing Plant: Expenditure Projections (in US$)
Table 19: PVC Pipes Manufacturing Plant: Cash Flow Analysis Without Considering the Income Tax Liability
Table 20: PVC Pipes Manufacturing Plant: Cash Flow Analysis on Considering the Income Tax Liability
Table 21: PVC Pipes Manufacturing Plant: Profit and Loss Account

Ordering: Order Online - http://www.researchandmarkets.com/reports/4071866/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Web Address: http://www.researchandmarkets.com/reports/4071866/
Office Code: SC2GYLXV

Product Formats
Please select the product formats and quantity you require:

Quantity
Electronic (PDF) - Single User: □ USD 1200
Hard Copy - Single User: □ USD 1400 + USD 56 Shipping/Handling
CD-ROM - Single User: □ USD 1400 + USD 56 Shipping/Handling
Electronic (PDF) - Enterprisewide: □ USD 1500

* Shipping/Handling is only charged once per order.
* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: □ Mr □ Mrs □ Dr □ Miss □ Ms □ Prof □
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp