

PVC Pipes Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global PVC pipes market size reached 23.8 Million Tons in 2022. Looking forward, IMARC Group expects the market to reach 31.1 Million Tons by 2028, exhibiting a growth rate (CAGR) of 4.31% during 2023-2028.

PVC pipes are composed by the extrusion of a blend of polyvinyl chloride (PVC) and several additives. The production of PVC pipes consumes around four times lesser energy and incurs lower losses of the raw material in comparison to concrete pipes. Moreover, complete recyclability of PVC makes the environmental footprint of these pipes far smaller than the alternative piping materials. Owing to these factors, PVC pipes find applications in water systems, underground wiring and sewer lines.

Global PVC Pipes Industry Drivers/Constraints:

PVC pipes have gained popularity across the globe owing to their favourable properties such as light-weight, cost-effectiveness, easy installation and durability. Apart from this, their excellent heat and electrical insulation properties have led to their usage in electrical fittings.

These pipes do not rot, wear or rust over time and can withstand rigorous shaking and extreme movement in earthquake-prone zones. Owing to these factors, PVC pipes are continuously replacing other piping materials across the world.

The introduction of new technology applying molecular orientation in the PVC pipes manufacturing has resulted into the development of PVC-O (oriented) pipes. These pipes are more environment-friendly, cost-effective and have enhanced physical and mechanical properties than conventionally produced PVC pipes.

Availability of the substitutes of PVC pipes such as steel, high-density polyethylene (HDPE) and cross-linked polyethylene (PEX) pose a major threat to the profitability of the PVC pipes manufacturers, in turn, deterring the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pvc pipes market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on application.

Breakup by Application:

- Irrigation
- Water Supply
- Sewerage
- Plumbing
- HVAC
- Oil and Gas

On the basis of application, the market has been segmented into irrigation, water supply, sewerage, plumbing, HVAC, and oil and gas. Currently, the irrigation segment dominates the market, holding the largest market share.

Regional Insights:

- Asia
- North America
- Europe
- Middle East and Africa
- Latin America

Region-wise, Asia enjoys the leading position in the global PVC pipes market. Other major regions include North America, Europe, Middle East and Africa, and Latin America.

Competitive Landscape:

The competitive landscape of the global PVC pipes market has also been examined with some of the top largest PVC pipes manufacturers being:

- China Lesso Group Holdings Limited
- Fujian Aton Advanced Materials Science & Technology Co Ltd.
- Hebei Bosoar Pipe Co. Ltd.
- Pipelife Austria Gmbh & Co KG

Plásticos Ferro S.L.

This report provides a deep insight into the global PVC pipes industry covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. The report also provides a comprehensive analysis for setting up a PVC pipes manufacturing plant. The study analyses the 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 have any kind of stake or are planning to foray into the PVC pipes industry in any manner.

Key Questions Answered in This Report

1. What was the size of the global PVC pipes market in 2022?
2. What is the expected growth rate of the global PVC pipes market during 2023-2028?
3. What are the key factors driving the global PVC pipes market?
4. What has been the impact of COVID-19 on the global PVC pipes market?
5. What is the breakup of the global PVC pipes market based on the application?
6. What are the key regions in the global PVC pipes market?
7. Who are the key players/companies in the global PVC pipes market?

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