

Polyvinyl Chloride In Water Service Lines Market Size, Share & Trends Analysis Report By Product (PVC Pipes, PVC Fittings & Couplings, PVC Valves), By Application (Residential, Commercial, Municipal), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Polyvinyl Chloride In Water Service Lines Market Growth & Trends

The global polyvinyl chloride in water service lines market size is expected to reach USD 3.27 billion by 2030, growing at a CAGR of 4.4% from 2025 to 2030, according to a new report by Grand View Research, Inc. The polyvinyl chloride (PVC) in water service lines market is expected to be driven by factors like its superior durability, affordability, and growing application in infrastructure developments, especially in developing regions.

The rise in infrastructure and residential construction investments alongside the demand for cost-efficient, durable water service solutions is expected to drive the market growth in the coming years. Advantages, such as its resistance to corrosion and ease of installation, position it as a preferred material for long-term water infrastructure projects globally. This expansion is significantly influenced by the need for modernized water supply systems, particularly in developing regions where urbanization and population growth are accelerating.

Additionally, the combination of favorable market dynamics, including budgetary allocations for infrastructure development and the inherent advantages of PVC pipes, underscores a strong growth trajectory in the water service sector, making it a vital component of future urban planning and development strategies. As urbanization

accelerates and infrastructure investments increase, the PVC pipes market for water service lines is expected to experience robust growth, driven by the need for safe, reliable, and efficient water delivery systems that meet the demands of growing populations. This dynamic landscape positions PVC pipes as a critical component of future urban infrastructure development strategies in coming years.

Polyvinyl Chloride In Water Service Lines Market Report Highlights

Based on product, the PVC pipes segment held the largest share, accumulating 64.36% market share in 2024. They are commonly employed in underground water distribution and drainage systems, offering a cost-effective solution for non-pressurized applications

Based on application, the residential segment is expected to grow at a significant CAGR in the coming years. Increasing urbanization, particularly in emerging economies, and the need for reliable infrastructure to meet the demands of growing populations have also fueled the adoption of PVC pipes in residential water service lines

Asia Pacific dominated the global market, accumulating 33.15% market share in 2024. As urbanization accelerates, the need for efficient and sustainable water distribution systems is pushing the adoption of PVC pipes across the region

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