

# Polyethylene Pipes Market to Reach USD \$13.41 Billion by 2029 at 6.7% CAGR

*The Business Research Company's  
Polyethylene Pipes Market to Reach USD  
\$13.41 Billion by 2029 at 6.7% CAGR*

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## How Big Is The Polyethylene Pipes Market In 2025?

The market size for polyethylene pipes has seen substantial growth over the recent years. The market, which was worth \$9.83 billion in 2024, is projected to reach \$10.35 billion in 2025, marking a compound annual growth rate (CAGR) of 5.3%. The growth experienced during the historic period was driven by factors such as infrastructure development projects, an increase in construction activities, the replacement of old pipelines, initiatives for water conservation, and the cost-effectiveness of the material.

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Expected to grow to \$13.41 billion in 2029 at a compound annual growth rate (CAGR) of 6.7%”

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The market for polyethylene pipes is anticipated to experience robust growth in the upcoming years, with an expected valuation of \$13.41 billion by 2029, growing at a Compound Annual Growth Rate (CAGR) of 6.7%. Factors contributing to this growth within the projected period include the extension of gas distribution networks, renewable energy projects, the demands of urbanization and infrastructure, water and wastewater management, and the global advocacy for the use of plastic pipes. The forecast period also foresees significant trends such as an emphasis on renewable energy projects, leak detection and prevention, continuous investments in research and development, as well as technological integration.

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## What Are The Key Driving Factors For The Growth Of The Polyethylene Pipes Market?

The demand in the polyethylene pipes market is being driven by increasing activities in wastewater treatment and water foundation. These activities involve the conversion of wastewater into water suitable for environmental release. Polyethylene pipes are paramount for drainage pipes used in residential sewage treatment due to their large production capacity, smooth surface wall, flexible connection, negligible leakage, ease of portability, straightforward construction, and affordability. For example, in July 2022, The International Trade Administration (ITA), a US-based Department of Commerce entity assisting the exportation of non-agricultural goods and resources, detailed in a report that Australia's sector for water and wastewater treatment showed growth. The total market size was estimated to be \$1,410 million in 2022, demonstrating a continuous commitment to water-related challenges. Through the allocation of government funding for new and improved projects along with the establishment of the \$2.5 billion National Water Grid Fund, emphasis has been placed on securing future water supplies as a key long-term priority. Hence, the growth of the polyethylene pipes market will be propelled by the upward trend of wastewater treatment and water foundation.

## Who Are The Key Players In The Polyethylene Pipes Industry?

Major players in the Polyethylene Pipes include:

- Kubota ChemiX Co Ltd.
- Flying W Plastics Inc.
- Applied Plastics Co, Inc.
- Furukawa Electric Co Ltd.
- Wavin B.V.
- Contech Engineered Solutions
- Jain Irrigation Systems Ltd.
- Genuit Group
- Pipelife International GmbH
- COSMOIND Co Ltd.

## What Are The Future Trends Of The Polyethylene Pipes Market?

Leading businesses in the polyethylene pipes market are employing strategic alliances to spur innovation in the creation of sustainable, high-performance pipe solutions for various sectors. The chief focus of these partnerships is the utilization of PCR polypropylene, an eco-friendly substitute for traditional materials. They aim at reducing plastic waste and maximizing product recyclability. For instance, in October 2024, the UAE-based petrochemical firm, Borouge Pte Ltd, formed a partnership with Union Pipes Industry (UPI), a UAE-based manufacturer of plastic pipes. Under the terms of their AED 20 million deal, Borouge is to supply UPI with 100% PCR polypropylene. This recycled substance will be employed to create tailored pallets for Borouge's logistical operations. Pallets made from recycled polypropylene are anticipated to last up to three times longer than standard ones and provide better hygiene as they aren't susceptible to insect contamination and fumigation is unnecessary.

## What Segments Are Covered In The Polyethylene Pipes Market Report?

The polyethylene pipes market covered in this report is segmented –

- 1) By Type: High Density Polyethylene (HDPE), Cross Link Polyethylene, Low Density Polyethylene (LDPE), Linear Low Density Polyethylene (LLDPE)
- 2) By Application: Underwater and Municipal, Gas Extraction, Construction, Industrial, Agriculture, Other Applications

### Subsegments:

- 1) By High Density Polyethylene (HDPE): Pressure Pipes, Non-Pressure Pipes
- 2) By Cross Link Polyethylene (PEX): PEX-A, PEX-B, PEX-C
- 3) By Low Density Polyethylene (LDPE): Thin-Walled Pipes, Thick-Walled Pipes
- 4) By Linear Low Density Polyethylene (LLDPE): Film Pipes, Non-Film Pipes

View the full polyethylene pipes market report:

<https://www.thebusinessresearchcompany.com/report/polyethylene-pipes-global-market-report>

## Which Region Is Expected To Lead The Polyethylene Pipes Market By 2025?

In 2024, North America dominated the polyethylene pipes market. The report on the polyethylene pipes market includes regions such as Asia-Pacific, Western Europe, Eastern Europe, South America, the Middle East, and Africa.

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