

# HDPE Pipe Market: Trends, Forecast and Competitive Analysis [2024-2030]

<https://marketpublishers.com/r/HF62269E1F3DEN.html>

Date: February 2024

Pages: 228

Price: US\$ 4,850.00 (Single User License)

ID: HF62269E1F3DEN

## Abstracts

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### HDPE Pipe Market Trends and Forecast

The future of the global HDPE (High Density Poly Ethylene) pipe market looks promising with opportunities in potable water, wastewater, oil and gas, and irrigation sectors. The global HDPE pipe market is expected to reach an estimated \$40.4 billion by 2030 with a CAGR of 4.9% from 2024 to 2030. The major growth drivers for this market are growing residential and non-residential construction activities, replacement of aging pipelines, and increasing awareness of the attractive properties of HDPE pipes.

### Emerging Trends in the HDPE Pipe Market

Emerging trends, which have a direct impact on the dynamics of the industry, include the introduction of mechanical coupling in HDPE pipe focusing on pipe strength and replacement of traditional material pipes with eco-friendly HDPE pipes.

A total of 133 figures / charts and 102 tables are provided in this 228 page report to help in your business decisions. Sample figures with some insights are shown below.

### HDPE Pipe Market by Segments

In this market, wastewater is the largest application market, whereas small diameter pipe is largest market by diameter. Growth in various segments of the HDPE pipe market are given below:

The study includes a trend and forecast for the HDPE Pipe market by grade type, application, diameter, pressure rating, and region as follows:

HDPE Pipe Market By Application [Value (\$ Million) from 2018 to 2030]:

Potable Water

Wastewater

Oil and Gas

Irrigation

Others

HDPE Pipe Market By Grade Type [Value (\$ Million) from 2018 to 2030]:

PE100 Pipes

PE80 Pipes

PE63 and Other Pipes

HDPE Pipe Market By Diameter Type [Value (\$ Million) from 2018 to 2030]:

Large Diameter Pipes

Small Diameter Pipes

HDPE Pipe Market By Pressure Rating [Value (\$ Million) from 2018 to 2030]:

High Pressure Pipes

Medium Pressure Pipes

Low Pressure Pipes

HDPE Pipe Market By Region [Value (\$ Million) and Volume (Thousand Tons) from 2018 to 2030]:

North America

o United States

o Canada

o Mexico

Europe

o Germany

o United Kingdom

APAC

o China

o India

o Japan

ROW

o Middle East

o Brazil

List of HDPE Pipe Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies HDPE pipe companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the HDPE pipe companies profiled in this report includes.

Orbia Advance Corporation

China Lesso Group

Advanced Drainage Systems

Sekisui Chemical

Formosa Plastics Group

Supreme Industries

Jain Irrigation

Astral Pipes

## HDPE Pipe Market Insights

Lucintel forecasts that PE100 pipes are expected to remain the largest segment and witness the highest growth over the forecast period because of their high strength, chemical resistance, low cost, durability, minimal maintenance requirements, and superior energy efficiency.

Within the global HDPE pipe market, the wastewater segment is expected to witness the highest growth over the forecast period due to increasing spending in municipal infrastructure development.

APAC is expected to remain the largest market and witness the highest growth rate over the forecast period due to the increasing urbanization, infrastructure development, and the continuous growth of the residential construction and

industrial sectors in this region.

## Features of the HDPE Pipe Market

**Market Size Estimates:** HDPE pipe market size estimation in terms of value (\$M).

**Trend and Forecast Analysis:** Market trends (2018-2023) and forecast (2024-2030) by various segments and regions.

**Segmentation Analysis:** HDPE pipe market size by various segments, such as grade type, application, diameter, and pressure rating.

**Regional Analysis:** HDPE pipe market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different grade type, application, diameter, and pressure rating, and regions for HDPE pipe market.

**Strategic Analysis:** This includes M&A and competitive landscape for the HDPE pipe.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

Q1. What is the HDPE pipe market size?

Answer: The global HDPE pipe market is expected to reach an estimated \$40.4 billion by 2030.

Q2. What is the growth forecast for HDPE pipe market?

Answer: The HDPE pipe market is expected to grow at a CAGR of 4.9% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the HDPE pipe market?

Answer: The major growth drivers for this market are growing residential and non-residential construction activities, replacement of aging pipelines, and increasing awareness of the attractive properties of HDPE pipes.

Q4. What are the major applications or end use industries for HDPE pipe?

Answer: Potable water, Wastewater, Oil & Gas, Irrigation, and Others are the major end use for HDPE pipe

Q5. What are the emerging trends in HDPE pipe market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include the introduction of mechanical coupling in HDPE pipe focusing on pipe strength and replacement of traditional material pipes with eco-friendly HDPE pipes.

Q6. Who are the key HDPE pipe companies?

Answer: Some of the key HDPE pipe companies are as follows:

Orbia Advance Corporation

China Lesso Group

Advanced Drainage Systems

Sekisui Chemical

Formosa Plastics Group

Supreme Industries

Jain Irrigation

Astral Pipes

Q7. Which HDPE pipe product segment will be the largest in future?

Answer: Lucintel forecasts that PE100 pipes are expected to remain the largest segment and witness the highest growth over the forecast period because of their high strength, chemical resistance, low cost, durability, minimal maintenance requirements, and superior energy efficiency.

Q8: In HDPE pipe market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region and is expected to witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the HDPE pipe market by application (potable water, wastewater, oil and gas, irrigation, and others), grade type (PE100, PE80, PE63 and others), diameter (small diameter pipes (up to 15 inches) and large diameter pipes (15 inches and above), pressure rating (high, medium, and low pressure), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the HDPE pipe market?

Q.5 What are the business risks and threats to the HDPE pipe market?

Q.6 What are emerging trends in this HDPE pipe market and the reasons behind them?

Q.7 What are some changing demands of customers in the HDPE pipe market?

Q.8 What are the new developments in the HDPE pipe market? Which companies are leading these developments?

Q.9 Who are the major players in the HDPE pipe market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in the HDPE pipe market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the HDPE pipe market?

For any questions related to HDPE pipe market or related HDPE Pipe , HDPE Pipe sales, HDPE Pipe companies, , top HDPE Pipe companies, HDPE Pipe manufacturers, largest HDPE Pipe companies, HDPE Pipe manufacturer, HDPE Pipe company, HDPE Pipe manufacturing, HDPE Pipe industry, HDPE Pipes, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.



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- 8.10: Astral Poly Technik Ltd.

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