

North America Plastic Pipes Market Forecast to 2031- Regional Analysis- by Type [Corrugated (Single-Wall and Multi-Wall) and Smooth wall], Material Type (Polyvinyl Chloride, High-Density Polyethylene, Polypropylene, and Others), Application (Water Supply, Sewage and Drainage, Irrigation, Gas Distribution, and Others), and End-Use Industry (Construction and Infrastructure, Water and Wastewater Management, Oil and Gas, and Others)

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Abstracts

The North America plastic pipes market was valued at US\$ 12,500.42 million in 2023 and is projected to reach US\$ 19,460.32 million by 2031; it is anticipated to register a CAGR of 5.7% from 2023 to 2031.

Growing Residential and Commercial Construction Activities Drives North America Plastic Pipes Market

The housing market growth is attributed to factors such as population increase, urbanization, and favorable economic conditions. According to Redfin, the number of houses sold in January 2024 was 284,121, 1.8% higher than the number sold in January 2023 in the US. Residential construction is a crucial component of the private sector. It witnessed a noteworthy increase to a seasonally adjusted annual rate of US\$ 856.3 billion in June 2023, marking a 0.9% rise from the revised May estimate of US\$ 848.6 billion. In March 2023, the government launched the Housing Accelerator Fund worth US\$ 2.96 billion to aid in the building of at least 100,000 homes across Canada. According to the US Census Bureau, in November 2023, the number of privately-owned

houses (at a seasonally adjusted annual rate) was 1.56 million units, a rise of 9.3% compared to 1.43 million units in November 2022.

Monthly New Residential Construction in the Us (2022-2023)

Source: The US Census Bureau and the US Department of Housing and Urban Development, 2023

According to a report released by the US Census Bureau, the value of total construction (private and public) investment in 2023 was US\$ 1,978.7 billion, a 7% increase from investments of US\$ 1,848.7 billion in 2022. Plastic pipes are extensively used in construction applications due to their versatility, durability, and cost-effectiveness. PVC, PEX, and HDPE are preferred materials due to their ease of installation and long lifespan. In commercial construction, plastic pipes are used in water supply, plumbing, HVAC systems, and fire suppression systems. Plastic pipes are used in residential plumbing for both hot and cold-water lines. Therefore, the growing residential and commercial construction activities drive the North America plastic pipes market.

North America Plastic Pipes Market Overview

North America has a massive network of inter and intrastate pipelines that serve an important role in transporting water, hazardous liquids, and raw materials. According to the Pipeline and Hazardous Materials Safety Administration, in North America, approximately 2.6 million miles of pipelines deliver hundreds of billions of tons of liquid petroleum products and trillions of cubic feet of natural gas yearly. Per the Canada Energy Regulator, most of the crude oil produced in Canada is shipped using pipelines from western provinces to refineries in the US, Ontario, and Quebec. In North America, the oil & gas industry requires higher-pressure rated and larger diameter piping to control challenges related to corrosion caused by contamination of water with salt, sulfur, and other corrosive elements in produced fluid lines. The flame retardant and non-corrosive characteristics of plastic composite pipes provide an effective solution for these issues. Thus, with the growing oil & gas production, the demand for plastic pipes is rising in North America. Countries such as the US and Canada use pipelines to transport crude oil to refineries in the region, as other transport mediums, such as rail, are more expensive than pipelines and tankers.

North America Plastic Pipes Market Revenue and Forecast to 2031 (US\$ Million)

North America Plastic Pipes Market Segmentation

The North America plastic pipes market is categorized into type, material type, application, end-use industry, and country.

Based on type, the North America plastic pipes market is bifurcated into corrugated and smooth wall. The smooth wall segment held a larger market share in 2023.

By material type, the North America plastic pipes market is divided into polyvinyl chloride, high-density polyethylene, polypropylene, and others. The polyvinyl chloride segment held the largest market share in 2023.

In terms of application, the North America plastic pipes market is segmented into water supply, sewage and drainage, irrigation, gas distribution, and others. The water supply segment held the largest market share in 2023.

Based on end-use industry, the North America plastic pipes market is segmented into construction and infrastructure, water and wastewater management, oil and gas, and others. The construction and infrastructure segment held a larger market share in 2023.

By country, the North America plastic pipes market is segmented into the US, Canada, and Mexico. The US dominated the North America plastic pipes market share in 2023.

Advanced Drainage Systems Inc; Aliaxis Holdings SA; Genuit Group Plc; Georg Fischer Ltd; JM Eagle, Inc.; Orbia; and Sekisui Chemical Co Ltd are some of the leading companies operating in the North America plastic pipes market.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the North America plastic pipes market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the North America plastic pipes market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering

developed and emerging markets.

Scrutinize in-depth North America market trends and outlook coupled with the factors driving the North America plastic pipes market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

The List of Companies - North America Plastic Pipes Market

Advanced Drainage Systems Inc

Aliaxis Holdings SA

Genuit Group Plc

Georg Fischer Ltd

JM Eagle, Inc.

Orbia

Sekisui Chemical Co Ltd

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Secondary Research
- 3.2 Primary Research
 - 3.2.1 Hypothesis formulation:
 - 3.2.2 Macro-economic factor analysis:
 - 3.2.3 Developing base number:
 - 3.2.4 Data Triangulation:
 - 3.2.5 Country level data:

4. NORTH AMERICA PLASTIC PIPES MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Bargaining Power of Suppliers
 - 4.2.2 Bargaining Power of Buyers
 - 4.2.1 Threat of New Entrants
 - 4.2.2 Intensity of Competitive Rivalry
 - 4.2.3 Threat of Substitutes
- 4.3 Ecosystem Analysis
 - 4.3.1 Raw Material Suppliers
 - 4.3.2 Plastic Pipe Manufacturers
 - 4.3.3 Distributors/Suppliers
 - 4.3.4 End-Use Industry
 - 4.3.5 List of Vendors in the Value Chain

5. NORTH AMERICA PLASTIC PIPES MARKET - KEY MARKET DYNAMICS

- 5.1 North America Plastic Pipes Market - Key Market Dynamics
- 5.2 Market Drivers
 - 5.2.1 Growing Residential and Commercial Construction Activities
 - 5.2.2 Surging Water and Wastewater Infrastructure Development
- 5.3 Market Restraints
 - 5.3.1 Fluctuations in Raw Material Prices
- 5.4 Market Opportunities
 - 5.4.1 Innovations in Plastic Pipe Formulation and Production Processes
- 5.5 Future Trends
 - 5.5.1 Use of Sustainable Materials in Plastic Pipe Manufacturing
- 5.6 Impact of Drivers and Restraints:

6. NORTH AMERICA PLASTIC PIPES MARKET - MARKET ANALYSIS

- 6.1 Overview
- 6.2 North America Plastic Pipes Market Revenue (US\$ Million), 2021-2031
- 6.3 North America Plastic Pipes Market Forecast Analysis

7. NORTH AMERICA PLASTIC PIPES MARKET ANALYSIS - BY TYPE

- 7.1 Corrugated
 - 7.1.1 Overview
 - 7.1.2 Corrugated: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)
 - 7.1.3 Single-Wall
 - 7.1.3.1 Overview
 - 7.1.3.2 Single-Wall: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)
 - 7.1.4 Multi-Wall
 - 7.1.4.1 Overview
 - 7.1.4.2 Multi-Wall: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)
- 7.2 Smoothwall
 - 7.2.1 Overview
 - 7.2.2 Smoothwall: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

8. NORTH AMERICA PLASTIC PIPES MARKET ANALYSIS - BY MATERIAL TYPE

8.1 Polyvinyl Chloride

8.1.1 Overview

8.1.2 Polyvinyl Chloride: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

8.2 High-Density Polyethylene

8.2.1 Overview

8.2.2 High-Density Polyethylene: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

8.3 Polypropylene

8.3.1 Overview

8.3.2 Polypropylene: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

8.4 Others

8.4.1 Overview

8.4.2 Others: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

9. NORTH AMERICA PLASTIC PIPES MARKET ANALYSIS - BY APPLICATION

9.1 Water Supply

9.1.1 Overview

9.1.2 Water Supply: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

9.2 Sewage and Drainage

9.2.1 Overview

9.2.2 Sewage and Drainage: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

9.3 Irrigation

9.3.1 Overview

9.3.2 Irrigation: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

9.4 Gas Distribution

9.4.1 Overview

9.4.2 Gas Distribution: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

9.5 Others

9.5.1 Overview

9.5.2 Others: North America Plastic Pipes Market - Revenue and Forecast to 2031

(US\$ Million)

10. NORTH AMERICA PLASTIC PIPES MARKET ANALYSIS - BY END-USE INDUSTRY

10.1 Construction and Infrastructure

10.1.1 Overview

10.1.2 Construction and Infrastructure: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

10.2 Water and Wastewater Management

10.2.1 Overview

10.2.2 Water and Wastewater Management: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

10.3 Oil and Gas

10.3.1 Overview

10.3.2 Oil and Gas: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

10.4 Others

10.4.1 Overview

10.4.2 Others: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

11. NORTH AMERICA PLASTIC PIPES MARKET -COUNTRY ANALYSIS

11.1 North America Plastic Pipes Market, by Key Countries- Revenue (2023) US\$ Million

11.1.1 North America: Plastic Pipes Market - Revenue and Forecast Analysis - by Country

11.1.1.1 North America: Plastic Pipes Market - Revenue and Forecast Analysis - by Country

11.1.1.2 United States: Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.2.1 United States: Plastic Pipes Market Breakdown, by Type

11.1.1.2.2 United States: Plastic Pipes Market Breakdown, by Material Type

11.1.1.2.3 United States: Plastic Pipes Market Breakdown, by Application

11.1.1.2.4 United States: Plastic Pipes Market Breakdown, by End-use Industry

11.1.1.3 Canada: Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.3.1 Canada: Plastic Pipes Market Breakdown, by Type

11.1.1.3.2 Canada: Plastic Pipes Market Breakdown, by Material Type

- 11.1.1.3.3 Canada: Plastic Pipes Market Breakdown, by Application
- 11.1.1.3.4 Canada: Plastic Pipes Market Breakdown, by End-use Industry
- 11.1.1.4 Mexico: Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)
 - 11.1.1.4.1 Mexico: Plastic Pipes Market Breakdown, by Type
 - 11.1.1.4.2 Mexico: Plastic Pipes Market Breakdown, by Material Type
 - 11.1.1.4.3 Mexico: Plastic Pipes Market Breakdown, by Application
 - 11.1.1.4.4 Mexico: Plastic Pipes Market Breakdown, by End-use Industry

12. COMPETITIVE LANDSCAPE

- 12.1 Heat Map Analysis by Key Market Players
- 12.2 Company Positioning & Concentration

13. INDUSTRY LANDSCAPE

- 13.1 Overview
- 13.2 Organic Growth Strategies
- 13.3 Inorganic Growth Strategies

14. COMPANY PROFILES

- 14.1 JM Eagle, Inc.
 - 14.1.1 Key Facts
 - 14.1.2 Business Description
 - 14.1.3 Products and Services
 - 14.1.4 Financial Overview
 - 14.1.5 SWOT Analysis
 - 14.1.6 Key Developments
- 14.2 Sekisui Chemical Co Ltd
 - 14.2.1 Key Facts
 - 14.2.2 Business Description
 - 14.2.3 Products and Services
 - 14.2.4 Financial Overview
 - 14.2.5 SWOT Analysis
 - 14.2.6 Key Developments
- 14.3 Georg Fischer Ltd
 - 14.3.1 Key Facts
 - 14.3.2 Business Description
 - 14.3.3 Products and Services

- 14.3.4 Financial Overview
- 14.3.5 SWOT Analysis
- 14.3.6 Key Developments
- 14.4 Genuit Group Plc
 - 14.4.1 Key Facts
 - 14.4.2 Business Description
 - 14.4.3 Products and Services
 - 14.4.4 Financial Overview
 - 14.4.5 SWOT Analysis
 - 14.4.6 Key Developments
- 14.5 Orbia
 - 14.5.1 Key Facts
 - 14.5.2 Business Description
 - 14.5.3 Products and Services
 - 14.5.4 Financial Overview
 - 14.5.5 SWOT Analysis
 - 14.5.6 Key Developments
- 14.6 Aliaxis Holdings SA
 - 14.6.1 Key Facts
 - 14.6.2 Business Description
 - 14.6.3 Products and Services
 - 14.6.4 Financial Overview
 - 14.6.5 SWOT Analysis
 - 14.6.6 Key Developments
- 14.7 Advanced Drainage Systems Inc
 - 14.7.1 Key Facts
 - 14.7.2 Business Description
 - 14.7.3 Products and Services
 - 14.7.4 Financial Overview
 - 14.7.5 SWOT Analysis
 - 14.7.6 Key Developments

15. APPENDIX

- 15.1 About The Insight Partners

List Of Tables

LIST OF TABLES

Table 1. North America Plastic Pipes Market Segmentation

Table 2. List of Vendors

Table 3. North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Table 4. North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million) - by Type

Table 5. North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million) - by Material Type

Table 6. North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million) - by Application

Table 7. North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million) - by End-use Industry

Table 8. North America: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Country

Table 9. United States: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Type

Table 10. United States: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Material Type

Table 11. United States: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Application

Table 12. United States: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by End-use Industry

Table 13. Canada: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Type

Table 14. Canada: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Material Type

Table 15. Canada: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Application

Table 16. Canada: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by End-use Industry

Table 17. Mexico: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Type

Table 18. Mexico: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) - by Material Type

Table 19. Mexico: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) -

by Application

Table 20. Mexico: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million) -
by End-use Industry

List Of Figures

LIST OF FIGURES

Figure 1. North America Plastic Pipes Market Segmentation, by Country

Figure 2. Porter's Five Forces Analysis

Figure 3. Ecosystem Analysis: North America Plastic Pipes Market

Figure 4. Monthly New Residential Construction in the US (2022-2023)

Figure 5. Producer Price Index by Industry: Plastics Material and Resin Manufacturing (2018-2024)

Figure 6. Impact Analysis of Drivers and Restraints

Figure 7. North America Plastic Pipes Market Revenue (US\$ Million), 2021-2031

Figure 8. North America Plastic Pipes Market Share (%) - by Type (2023 and 2031)

Figure 9. Corrugated: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 10. Single-Wall: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 11. Multi-Wall: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 12. Smoothwall: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 13. North America Plastic Pipes Market Share (%) - by Material Type (2023 and 2031)

Figure 14. Polyvinyl Chloride: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 15. High-Density Polyethylene: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 16. Polypropylene: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 17. Others: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 18. North America Plastic Pipes Market Share (%) - by Application (2023 and 2031)

Figure 19. Water Supply: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 20. Sewage and Drainage: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 21. Irrigation: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 22. Gas Distribution: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 23. Others: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 24. North America Plastic Pipes Market Share (%) - by End-use Industry (2023 and 2031)

Figure 25. Construction and Infrastructure: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 26. Water and Wastewater Management: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 27. Oil and Gas: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 28. Others: North America Plastic Pipes Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 29. North America Plastic Pipes Market, by Key Countries- Revenue (2023) US\$ Million

Figure 30. North America: Plastic Pipes Market Breakdown, by Key Countries, 2023 and 2031 (%)

Figure 31. United States: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million)

Figure 32. Canada: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million)

Figure 33. Mexico: Plastic Pipes Market - Revenue and Forecast to 2031(US\$ Million)

Figure 34. Heat Map Analysis by Key Market Players

Figure 35. Company Positioning & Concentration

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