

Thermoplastic Pipe Market Size, Share, and Analysis, By Product Type (Thermoplastic Composite Pipe, Reinforced Thermoplastic Pipe), By Polymer Type (Polyethylene Pipe, Poly Vinyl Chloride Pipe, Polypropylene Pipe, Polyvinylidene Fluoride, and Others), By Application (Oil & Gas, Water & Wastewater, Mining & Dredging, Utilities & Renewables, and Others), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

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Abstracts

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PRODUCT OVERVIEW

Thermoplastic Pipe Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 5.4% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 3.4 billion and is projected to reach USD 6 billion by the completion of 2034.

Thermoplastic pipes are made of plastic polymers and provides unique ability to be reshaped multiple times, without compromising structural integrity. These pipes are composed of polymers such as Polyethylene Pipe (PE), Poly Vinyl Chloride Pipe (PVC), Polypropylene Pipe (PP), and are used for their flexibility across various industries including construction, plumbing, and agriculture. Additionally, thermoplastic pipes are known for their exceptional corrosion resistance, which ensures durability in severe conditions exposed to chemicals, moisture, and temperature fluctuations. Furthermore, their lighter weight streamlines transportation and installation processes, which results in low labor costs and make them ideal for large-scale projects. Moreover, their smooth inner surface significantly reduces friction, which optimizes the flow of liquid and reduces the probability of obstructions. Hence, due to their ability to withstand harsh conditions and their cost-effectiveness, thermoplastic pipes have emerged as the preferred choice for piping requirements across various industries.

MARKET HIGHLIGHTS

Thermoplastic Pipe Market is expected to achieve USD 6 billion, showcasing a significant growth during the forecast period, owing to their versatile applications and practical advantages across industries. Thermoplastic pipes are commonly used for their corrosion resistance and lightweight composition, which provides easy installation and adaptability to multiple environmental settings. Their ability to withstand harsh environments, such as chemical exposure and varying temperatures, has significantly increased their demand across industries including chemical processing, water management, and construction. Additionally, the global emphasis on sustainability has accelerated the adoption of thermoplastic pipes as they have a lower environmental impact compared to traditionally used materials. Therefore, thermoplastic pipe market is expected to maintain its growth trajectory with the continuous infrastructure development and need for efficient fluid transportation across industries.

Thermoplastic Pipe Market Segments:

By Product Type

Thermoplastic Composite Pipe

Reinforced Thermoplastic Pipe

By Polymer Type

Polyethylene Pipe

Poly Vinyl Chloride Pipe

Polypropylene Pipe

Polyvinylidene Fluoride

Others

By Application

Oil & Gas

Water & Wastewater

Mining & Dredging

Utilities & Renewables

Others

MARKET DYNAMICS

Growth Drivers

Increased Demand for Construction and Infrastructure Will Drive Market Expansion

Material Technology Advancements Will Provide Market Growth Opportunities

Restraint

Predominance of Traditionally Used Materials May Stall Market Expansion

Key Players

Advanced Drainage Systems

Sekisui Chemical Co., Ltd.

JM Eagle

China Less%li%Group Holdings Ltd.

Uponor Corporation

Pipelife International GmbH

National Pipe and Plastics

Astral Poly Technik Limited

Polypipe Group plc

Georg Fischer Ltd.

Finolex Industries Limited

IPEX Group of Companies

Wavin N.V.

North American Pipe

Mexichem SAB de CV

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAG.R – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities

and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

Contents

1.EXECUTIVE SUMMARY

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Thermoplastic Pipe Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2. RESEARCH METHODOLOGY

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
 - 2.5.1. Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3. MARKET CHARACTERISTICS

- 3.1. Market Definition
- 3.2. Thermoplastic Pipe Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

4.THERMOPLASTIC PIPE MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecosystem Channel analysis
- 4.4. Innovation & Sustainability

5. MACROECONOMIC INDICATORS

6. RECENT DEVELOPMENTS

7. MARKET DYNAMICS

- 7.1. Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4. Market Restraints
- 7.5. Market Trends

8. RISK ANALYSIS

9. MARKET ANALYSIS

- 9.1. Porters Five Forces
- 9.2. PEST Analysis
 - 9.2.1. Political
 - 9.2.2. Economic
 - 9.2.3. Social
 - 9.2.4. Technological

10. THERMOPLASTIC PIPE MARKET

- 10.1. Overview
- 10.2. Historical Analysis (2019-2022)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11. THERMOPLASTIC PIPE MARKET SIZE & FORECAST 2024A-2034F

- 11.1. Overview
- 11.2. Key Findings
- 11.3. Market Segmentation
 - 11.3.1. By Product Type
 - 11.3.1.1. Thermoplastic Composite Pipe
 - 11.3.1.1.1. By Value (USD Million) 2024-2034F
 - 11.3.1.1.2. Market Share (%) 2024-2034F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.1.2. Reinforced Thermoplastic Pipe
 - 11.3.1.2.1. By Value (USD Million) 2024-2034F
 - 11.3.1.2.2. Market Share (%) 2024-2034F

- 11.3.1.2.3.Y-o-Y Growth (%) 2024-2034F
- 11.3.2. By Polymer Type
 - 11.3.2.1.Polyethylene Pipe
 - 11.3.2.1.1. By Value (USD Million) 2024-2034F
 - 11.3.2.1.2.Market Share (%) 2024-2034F
 - 11.3.2.1.3.Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.2. Poly Vinyl Chloride Pipe
 - 11.3.2.2.1.By Value (USD Million) 2024-2034F
 - 11.3.2.2.2. Market Share (%) 2024-2034F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.3. Polypropylene Pipe
 - 11.3.2.3.1.By Value (USD Million) 2024-2034F
 - 11.3.2.3.2. Market Share (%) 2024-2034F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.4. Polyvinylidene Fluoride
 - 11.3.2.4.1.By Value (USD Million) 2024-2034F
 - 11.3.2.4.2. Market Share (%) 2024-2034F
 - 11.3.2.4.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.5. Others
 - 11.3.2.5.1.By Value (USD Million) 2024-2034F
 - 11.3.2.5.2. Market Share (%) 2024-2034F
 - 11.3.2.5.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.3.By Application
 - 11.3.3.1.Oil & Gas
 - 11.3.3.1.1. By Value (USD Million) 2024-2034F
 - 11.3.3.1.2.Market Share (%) 2024-2034F
 - 11.3.3.1.3.Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.2. Water & Wastewater
 - 11.3.3.2.1.By Value (USD Million) 2024-2034F
 - 11.3.3.2.2. Market Share (%) 2024-2034F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.3. Mining & Dredging
 - 11.3.3.3.1.By Value (USD Million) 2024-2034F
 - 11.3.3.3.2. Market Share (%) 2024-2034F
 - 11.3.3.3.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.4. Utilities & Renewables
 - 11.3.3.4.1.By Value (USD Million) 2024-2034F
 - 11.3.3.4.2. Market Share (%) 2024-2034F
 - 11.3.3.4.3. Y-o-Y Growth (%) 2024-2034F

11.3.3.5. Others

11.3.3.5.1. By Value (USD Million) 2024-2034F

11.3.3.5.2. Market Share (%) 2024-2034F

11.3.3.5.3. Y-o-Y Growth (%) 2024-2034F

12. NORTH AMERICA THERMOPLASTIC PIPE MARKET SIZE & FORECAST 2024A-2034F

12.1. Overview

12.2. Key Findings

12.3. Market Segmentation

12.3.1. By Product Type

12.3.2. By Polymer Type

12.3.3. By Application

12.4. Country

12.4.1. United States

12.4.2. Canada

13. EUROPE THERMOPLASTIC PIPE MARKET SIZE & FORECAST 2024A-2034F

13.1. Overview

13.2. Key Findings

13.3. Market Segmentation

13.3.1. By Product Type

13.3.2. By Polymer Type

13.3.3. By Application

13.4. Country

13.4.1. Germany

13.4.2. United Kingdom

13.4.3. France

13.4.4. Italy

13.4.5. Spain

13.4.6. Russia

13.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

14. ASIA-PACIFIC THERMOPLASTIC PIPE MARKET SIZE & FORECAST 2024A-2034F

14.1. Overview

- 14.2. Key Findings
- 14.3. Market Segmentation
 - 14.3.1. By Product Type
 - 14.3.2. By Polymer Type
 - 14.3.3. By Application
- 14.4. Country
 - 14.4.1. India
 - 14.4.2. China
 - 14.4.3. South Korea
 - 14.4.4. Japan
 - 14.4.5. Rest of APAC

15. MIDDLE EAST AND AFRICA THERMOPLASTIC PIPE MARKET SIZE & FORECAST 2024A-2034F

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
 - 15.3.1. By Product Type
 - 15.3.2. By Polymer Type
 - 15.3.3. By Application
- 15.4. Country
 - 15.4.1. Israel
 - 15.4.2. GCC
 - 15.4.3. North Africa
 - 15.4.4. South Africa
 - 15.4.5. Rest of Middle East and Africa

16. LATIN AMERICA THERMOPLASTIC PIPE MARKET SIZE & FORECAST 2024A-2034F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Product Type
 - 16.3.2. By Polymer Type
 - 16.3.3. By Application
- 16.4. Country
 - 16.4.1. Mexico

16.4.2. Brazil

16.4.3. Rest of Latin America

17. COMPETITIVE LANDSCAPE

17.1. Company market share, 2023

17.2. Key player overview

17.3. Key stakeholders

18. COMPANY PROFILES

18.1. Advanced Drainage Systems

18.1.1. Company Overview

18.1.2. Financial Overview

18.1.3. Key Product; Analysis

18.1.4. Company Assessment

18.1.4.1. Product Portfolio

18.1.4.2. Key Clients

18.1.4.3. Market Share

18.1.4.4. Recent News & Development (Last 3 Yrs.)

18.1.4.5. Executive Team

18.2. Mexichem SAB de CV

18.3. Sekisui Chemical Co., Ltd.

18.4. JM Eagle

18.5. China Lesso Group Holdings Ltd.

18.6. Uponor Corporation

18.7. Pipelife International GmbH

18.8. National Pipe and Plastics

18.9. Astral Poly Technik Limited

18.10. Polypipe Group plc

18.11. Georg Fischer Ltd.

18.12. Finolex Industries Limited

18.13. IPEX Group of Companies

18.14. Wavin N.V.

18.15. North American Pipe

18.16. Other Prominent Players

19. APPENDIX

20. CONSULTANT RECOMMENDATION

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