

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.

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