

Global Filament-Wound Fiberglass Pipe Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Filament-Wound Fiberglass Pipe market size was valued at US\$ 3879 million in 2025 and is forecast to a readjusted size of US\$ 5370 million by 2032 with a CAGR of 4.9% during review period.

Fiber-wound FRP (Fiber Reinforced Polymer) pipes are composite pipes manufactured using a winding molding process, utilizing glass fibers and their fabrics as reinforcement materials and resin as the matrix. Characterized by corrosion resistance, lightweight properties, high strength, smooth inner walls, and ease of installation, these pipes are widely employed in water supply and drainage, chemical processing, seawater desalination, power generation, and municipal engineering projects.

The upstream segment of the industry primarily encompasses raw materials such as glass fibers, epoxy or unsaturated polyester resins, curing agents, quartz sand, and various additives, as well as the necessary winding equipment. The downstream segment targets application areas including municipal water supply and drainage networks, chemical transport, oil and gas gathering and transmission, power plant circulating water systems, seawater desalination, agricultural irrigation, and industrial wastewater treatment.

Globally, the fiber-wound FRP pipe market commands an average unit price of \$58 per meter, with global sales volumes reaching approximately 65,000 kilometers. The industry's annual production capacity ranges between 80,000 and 100,000 kilometers, maintaining an average profit margin of approximately 18%.

Moving forward, the global fiber-wound FRP pipe market is poised to evolve toward

products featuring larger diameters, higher pressure ratings, enhanced high-temperature resistance, and superior resistance to aggressive corrosive environments. As municipal pipeline networks undergo renewal, industrial wastewater treatment initiatives advance, and seawater desalination and petrochemical projects gain momentum, the demand for corrosion-resistant composite pipes is expected to continue its upward trajectory. Compared to traditional steel or concrete pipes, FRP pipes offer distinct advantages in terms of lightweight construction, minimal maintenance requirements, and extended service life, making them ideally suited for long-distance fluid transport and deployment in complex, corrosive environments. In the future, manufacturers will increasingly prioritize the optimization of resin systems, the adoption of automated winding equipment, the standardization of structural designs, and the demonstration of total lifecycle cost advantages. Concurrently, the growing emphasis on eco-friendly and low-carbon construction practices, the development of underground utility tunnels, and increased investment in overseas infrastructure projects are expected to further expand the scope of market applications.

This report is a detailed and comprehensive analysis for global Filament-Wound Fiberglass Pipe market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Filament-Wound Fiberglass Pipe market size and forecasts, in consumption value (\$ Million), sales quantity (K Meter), and average selling prices (US\$/Meter), 2021-2032

Global Filament-Wound Fiberglass Pipe market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Meter), and average selling prices (US\$/Meter), 2021-2032

Global Filament-Wound Fiberglass Pipe market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Meter), and average selling prices (US\$/Meter), 2021-2032

Global Filament-Wound Fiberglass Pipe market shares of main players, shipments in

revenue (\$ Million), sales quantity (K Meter), and ASP (US\$/Meter), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Filament-Wound Fiberglass Pipe

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Filament-Wound Fiberglass Pipe market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Amiblu, Flowtite, HOBAS Pipe USA (Hobas Pipe USA), Thompson Pipe Group, NOV Fiber Glass Systems (NOV), Future Pipe Industries, Amiantit, Abu Dhabi Pipe Factory (ADPF), Sarplast, Fibrex, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Filament-Wound Fiberglass Pipe market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Unsaturated Polyester Resin FRP Pipe

Vinyl Ester Resin FRP Pipe

Epoxy Resin FRP Pipe

Phenolic Resin FRP Pipe

Furan Resin FRP Pipe

Market segment by Product Structure

Pure FRP Pipe

Sand-Filled FRP Pipe

FRP Mortar Pipe

Composite Lined FRP Pipe

Double-Wall FRP Pipe

Market segment by Pressure Rating

Non-Pressure FRP Pipe

Low-Pressure FRP Pipe

Medium-Pressure FRP Pipe

High-Pressure FRP Pipe

Ultra-High-Pressure FRP Pipe

Market segment by Application

Municipal

Industrial

Chemical

Power Plants

Petroleum

Others

Major players covered

Amiblu

Flowtite

HOBAS Pipe USA (Hobas Pipe USA)

Thompson Pipe Group

NOV Fiber Glass Systems (NOV)

Future Pipe Industries

Amiantit

Abu Dhabi Pipe Factory (ADPF)

Sarplast

Fibrex

Chemical Process Piping (CPP Piping)

Graphite India

Zhongfu Lianzhong

Hengrun Group

Shandong GRAD Group

Shengli Xinda New Materials

Zhejiang Huafeng New Materials

Asahi Yukizai

Risho Kogyo

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Filament-Wound Fiberglass Pipe product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Filament-Wound Fiberglass Pipe, with price, sales quantity, revenue, and global market share of Filament-Wound Fiberglass Pipe from 2021 to 2026.

Chapter 3, the Filament-Wound Fiberglass Pipe competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Filament-Wound Fiberglass Pipe breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Filament-Wound Fiberglass Pipe market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Filament-Wound Fiberglass Pipe.

Chapter 14 and 15, to describe Filament-Wound Fiberglass Pipe sales channel, distributors, customers, research findings and conclusion.

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