

# Global Pressure Vessel Composite Materials Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Pressure Vessel Composite Materials market size was valued at USD 1645.3 million in 2023 and is forecast to a readjusted size of USD 2224.4 million by 2030 with a CAGR of 4.4% during review period.

Pressure vessel composite materials are used in manufacturing pressure vessels that are used to store gases and liquids under high pressure.

Europe is the largest Pressure Vessel Composite Materials market with about 37% market share. Asia-Pacific is follower, accounting for about 32% market share.

The key players are Hexagon Composites, Pentair, Protec Arisawa, Wave Cyber, ROPV, Jiangsu Pengyu, BEL Group, Aburi Composites, Applied Membranes, Steelhead Composites, NPROXX, Doosan etc. Top 3 companies occupied about 27% market share.

The Global Info Research report includes an overview of the development of the Pressure Vessel Composite Materials industry chain, the market status of Water Treatment (Glass Fiber Reinforced Composite, Carbon Fiber Reinforced Composite), Composite LPG Cylinders (Glass Fiber Reinforced Composite, Carbon Fiber Reinforced Composite), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Pressure Vessel Composite Materials.

Regionally, the report analyzes the Pressure Vessel Composite Materials markets in



key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Pressure Vessel Composite Materials market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Pressure Vessel Composite Materials market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Pressure Vessel Composite Materials industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., Glass Fiber Reinforced Composite, Carbon Fiber Reinforced Composite).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Pressure Vessel Composite Materials market.

Regional Analysis: The report involves examining the Pressure Vessel Composite Materials market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Pressure Vessel Composite Materials market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Pressure Vessel Composite Materials:

Company Analysis: Report covers individual Pressure Vessel Composite Materials manufacturers, suppliers, and other relevant industry players. This analysis includes



studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Pressure Vessel Composite Materials This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Water Treatment, Composite LPG Cylinders).

Technology Analysis: Report covers specific technologies relevant to Pressure Vessel Composite Materials. It assesses the current state, advancements, and potential future developments in Pressure Vessel Composite Materials areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Pressure Vessel Composite Materials market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Pressure Vessel Composite Materials market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Glass Fiber Reinforced Composite

Carbon Fiber Reinforced Composite

Market segment by Application

Water Treatment

Composite LPG Cylinders



Gas Storage
Others
Major players covered
Hexagon Composites
Pentair
Protec Arisawa
Wave Cyber
ROPV
Jiangsu Pengyu
BEL Group
Aburi Composites
Applied Membranes
Steelhead Composites
NPROXX
Doosan
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 Pressure Vessel Composite Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Pressure Vessel Composite Materials, with price, sales, revenue and global market share of Pressure Vessel Composite Materials from 2019 to 2024.

Chapter 3, the Pressure Vessel Composite Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Pressure Vessel Composite Materials breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Pressure Vessel Composite Materials market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Pressure Vessel Composite Materials.



Chapter 14 and 15, to describe Pressure Vessel Composite Materials sales channel, distributors, customers, research findings and conclusion.



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