

Global Carbon Fiber Pressure Vessel Market Growth 2024-2030

<https://marketpublishers.com/r/GB700A8D2D9EN.html>

Date: January 2024

Pages: 121

Price: US\$ 3,660.00 (Single User License)

ID: GB700A8D2D9EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Carbon Fiber Pressure Vessel market size was valued at US\$ 554.4 million in 2023. With growing demand in downstream market, the Carbon Fiber Pressure Vessel is forecast to a readjusted size of US\$ 1172 million by 2030 with a CAGR of 11.3% during review period.

The research report highlights the growth potential of the global Carbon Fiber Pressure Vessel market. Carbon Fiber Pressure Vessel are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Carbon Fiber Pressure Vessel. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Carbon Fiber Pressure Vessel market.

Carbon Fiber Reinforced Polymer Composites (CFRP) are lightweight, strong materials used in the manufacturing of numerous products used in our daily life. In general, CFRP composites use thermosetting resins such as epoxy, polyester, or vinyl ester.

Pressure vessel composite materials are used in manufacturing pressure vessels that are used to store gases and liquids under high pressure. The strength of the vessel is the critical parameter to prevent explosions as a result of the rupture. A composite material is a combination of materials differing in composition or form on a macro scale. These materials do not dissolve or otherwise merge completely into each other. Composite materials help to improve the performance and also offers a significant amount of material savings.

Since 1970 pressure vessel manufacturers have been using continuous fibers filaments, also known as tows or roving, to improve the physical properties of pressure vessels. Starting with what the industry calls a type II vessel; high strength fibers, such as glass fiber, were wrapped around the cylindrical sections of steel and aluminum pressure vessels to add reinforcement allowing a roughly 30% reduction in overall vessel mass.

As the fiber reinforcement became more and more significant in pressure vessel design, fiber manufacturers began refining their offerings and experimenting with new fiber types like carbon fiber, which is currently the most popular reinforcement in composite pressure vessels, because of its incredible stiffness and tensile strength. In addition to carbon and glass, new fibers were created such as Kevlar a type of aramid fiber and basalt fiber. These new fibers offered contrasting mechanical properties such as impact resistance, and low temperature resistance to the pressure vessel designer's arsenal.

As new composite pressure vessel applications emerged, the need for unique mechanical properties and increasing economic pressures create a need for hybrid vessels which could either use distinct and separate layers of fiber for different roles such as impact/ abrasion resistance, or different fibers in the same band to get the properties of both fibers throughout the laminate.

The evolution of vessels and tanks designed to hold liquids and gases under pressure has proceeded through four distinct stages: all-metal tanks (Type I), metal hoop-wrapped composite tanks (Type II), metal-lined composite tanks (Type III) and plastic-lined composite tanks (Type IV). The fifth stage, an all-composite, linerless Type V tank has been the pressure vessel industry's Holy Grail for years.

Global core carbon fiber pressure vessel manufacturers include Luxfer Group, Iljin Composites Corp, Faber Industrie SpA etc. North America is the largest market, occupied for about 30 percent, followed by South Korea, which holds around 21% market share, and China holds a share about 20%. In terms of type, type III carbon fiber pressure vessel segment occupied main global market, holds share over 70 percent. In terms of application, SCBA/SCUBA segment holds share about 26 percent close to 28% for CNG storage tank.

Key Features:

The report on Carbon Fiber Pressure Vessel market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Carbon Fiber Pressure Vessel market. It may include historical data, market segmentation by Type (e.g., Type III, Type IV), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Carbon Fiber Pressure Vessel market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Carbon Fiber Pressure Vessel market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Carbon Fiber Pressure Vessel industry. This include advancements in Carbon Fiber Pressure Vessel technology, Carbon Fiber Pressure Vessel new entrants, Carbon Fiber Pressure Vessel new investment, and other innovations that are shaping the future of Carbon Fiber Pressure Vessel.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Carbon Fiber Pressure Vessel market. It includes factors influencing customer ' purchasing decisions, preferences for Carbon Fiber Pressure Vessel product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Carbon Fiber Pressure Vessel market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Carbon Fiber Pressure Vessel market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Carbon Fiber Pressure Vessel market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Carbon Fiber Pressure Vessel industry. This includes projections of market size, growth rates, regional trends, and

predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Carbon Fiber Pressure Vessel market.

Market Segmentation:

Carbon Fiber Pressure Vessel 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.

Segmentation by type

Type III

Type IV

Others

Segmentation by application

CNG Storage Tank

SCBA/SCUBA

Hydrogen Storage Tank

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Luxfer Group

Iijin Composites Corp

Faber Industrie SpA

Worthington Industries

3M Scott

Shenyang Gas Cylinder

Toyota

Sinoma Science & Technology

Beijing China Tank Industry

AMS Composite Cylinders

Beijing Tianhai Industry

Teijin Engineering Limited

NPROXX

Doosan

Key Questions Addressed in this Report

What is the 10-year outlook for the global Carbon Fiber Pressure Vessel market?

What factors are driving Carbon Fiber Pressure Vessel market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Carbon Fiber Pressure Vessel market opportunities vary by end market size?

How does Carbon Fiber Pressure Vessel break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Carbon Fiber Pressure Vessel Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Carbon Fiber Pressure Vessel by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Carbon Fiber Pressure Vessel by Country/Region, 2019, 2023 & 2030
- 2.2 Carbon Fiber Pressure Vessel Segment by Type
 - 2.2.1 Type III
 - 2.2.2 Type IV
 - 2.2.3 Others
- 2.3 Carbon Fiber Pressure Vessel Sales by Type
 - 2.3.1 Global Carbon Fiber Pressure Vessel Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Carbon Fiber Pressure Vessel Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Carbon Fiber Pressure Vessel Sale Price by Type (2019-2024)
- 2.4 Carbon Fiber Pressure Vessel Segment by Application
 - 2.4.1 CNG Storage Tank
 - 2.4.2 SCBA/SCUBA
 - 2.4.3 Hydrogen Storage Tank
 - 2.4.4 Others
- 2.5 Carbon Fiber Pressure Vessel Sales by Application
 - 2.5.1 Global Carbon Fiber Pressure Vessel Sale Market Share by Application (2019-2024)
 - 2.5.2 Global Carbon Fiber Pressure Vessel Revenue and Market Share by Application

(2019-2024)

2.5.3 Global Carbon Fiber Pressure Vessel Sale Price by Application (2019-2024)

3 GLOBAL CARBON FIBER PRESSURE VESSEL BY COMPANY

3.1 Global Carbon Fiber Pressure Vessel Breakdown Data by Company

3.1.1 Global Carbon Fiber Pressure Vessel Annual Sales by Company (2019-2024)

3.1.2 Global Carbon Fiber Pressure Vessel Sales Market Share by Company

(2019-2024)

3.2 Global Carbon Fiber Pressure Vessel Annual Revenue by Company (2019-2024)

3.2.1 Global Carbon Fiber Pressure Vessel Revenue by Company (2019-2024)

3.2.2 Global Carbon Fiber Pressure Vessel Revenue Market Share by Company

(2019-2024)

3.3 Global Carbon Fiber Pressure Vessel Sale Price by Company

3.4 Key Manufacturers Carbon Fiber Pressure Vessel Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Carbon Fiber Pressure Vessel Product Location Distribution

3.4.2 Players Carbon Fiber Pressure Vessel Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR CARBON FIBER PRESSURE VESSEL BY GEOGRAPHIC REGION

4.1 World Historic Carbon Fiber Pressure Vessel Market Size by Geographic Region (2019-2024)

4.1.1 Global Carbon Fiber Pressure Vessel Annual Sales by Geographic Region

(2019-2024)

4.1.2 Global Carbon Fiber Pressure Vessel Annual Revenue by Geographic Region

(2019-2024)

4.2 World Historic Carbon Fiber Pressure Vessel Market Size by Country/Region (2019-2024)

4.2.1 Global Carbon Fiber Pressure Vessel Annual Sales by Country/Region

(2019-2024)

4.2.2 Global Carbon Fiber Pressure Vessel Annual Revenue by Country/Region

(2019-2024)

- 4.3 Americas Carbon Fiber Pressure Vessel Sales Growth
- 4.4 APAC Carbon Fiber Pressure Vessel Sales Growth
- 4.5 Europe Carbon Fiber Pressure Vessel Sales Growth
- 4.6 Middle East & Africa Carbon Fiber Pressure Vessel Sales Growth

5 AMERICAS

- 5.1 Americas Carbon Fiber Pressure Vessel Sales by Country
 - 5.1.1 Americas Carbon Fiber Pressure Vessel Sales by Country (2019-2024)
 - 5.1.2 Americas Carbon Fiber Pressure Vessel Revenue by Country (2019-2024)
- 5.2 Americas Carbon Fiber Pressure Vessel Sales by Type
- 5.3 Americas Carbon Fiber Pressure Vessel Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Carbon Fiber Pressure Vessel Sales by Region
 - 6.1.1 APAC Carbon Fiber Pressure Vessel Sales by Region (2019-2024)
 - 6.1.2 APAC Carbon Fiber Pressure Vessel Revenue by Region (2019-2024)
- 6.2 APAC Carbon Fiber Pressure Vessel Sales by Type
- 6.3 APAC Carbon Fiber Pressure Vessel Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Carbon Fiber Pressure Vessel by Country
 - 7.1.1 Europe Carbon Fiber Pressure Vessel Sales by Country (2019-2024)
 - 7.1.2 Europe Carbon Fiber Pressure Vessel Revenue by Country (2019-2024)
- 7.2 Europe Carbon Fiber Pressure Vessel Sales by Type
- 7.3 Europe Carbon Fiber Pressure Vessel Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Carbon Fiber Pressure Vessel by Country

8.1.1 Middle East & Africa Carbon Fiber Pressure Vessel Sales by Country
(2019-2024)

8.1.2 Middle East & Africa Carbon Fiber Pressure Vessel Revenue by Country
(2019-2024)

8.2 Middle East & Africa Carbon Fiber Pressure Vessel Sales by Type

8.3 Middle East & Africa Carbon Fiber Pressure Vessel Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Carbon Fiber Pressure Vessel

10.3 Manufacturing Process Analysis of Carbon Fiber Pressure Vessel

10.4 Industry Chain Structure of Carbon Fiber Pressure Vessel

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Carbon Fiber Pressure Vessel Distributors

11.3 Carbon Fiber Pressure Vessel Customer

12 WORLD FORECAST REVIEW FOR CARBON FIBER PRESSURE VESSEL BY GEOGRAPHIC REGION

12.1 Global Carbon Fiber Pressure Vessel Market Size Forecast by Region

12.1.1 Global Carbon Fiber Pressure Vessel Forecast by Region (2025-2030)

12.1.2 Global Carbon Fiber Pressure Vessel Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Carbon Fiber Pressure Vessel Forecast by Type

12.7 Global Carbon Fiber Pressure Vessel Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Luxfer Group

13.1.1 Luxfer Group Company Information

13.1.2 Luxfer Group Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.1.3 Luxfer Group Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Luxfer Group Main Business Overview

13.1.5 Luxfer Group Latest Developments

13.2 Iljin Composites Corp

13.2.1 Iljin Composites Corp Company Information

13.2.2 Iljin Composites Corp Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.2.3 Iljin Composites Corp Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Iljin Composites Corp Main Business Overview

13.2.5 Iljin Composites Corp Latest Developments

13.3 Faber Industrie SpA

13.3.1 Faber Industrie SpA Company Information

13.3.2 Faber Industrie SpA Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.3.3 Faber Industrie SpA Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Faber Industrie SpA Main Business Overview

13.3.5 Faber Industrie SpA Latest Developments

13.4 Worthington Industries

13.4.1 Worthington Industries Company Information

13.4.2 Worthington Industries Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.4.3 Worthington Industries Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Worthington Industries Main Business Overview

13.4.5 Worthington Industries Latest Developments

13.5 3M Scott

13.5.1 3M Scott Company Information

13.5.2 3M Scott Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.5.3 3M Scott Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 3M Scott Main Business Overview

13.5.5 3M Scott Latest Developments

13.6 Shenyang Gas Cylinder

13.6.1 Shenyang Gas Cylinder Company Information

13.6.2 Shenyang Gas Cylinder Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.6.3 Shenyang Gas Cylinder Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Shenyang Gas Cylinder Main Business Overview

13.6.5 Shenyang Gas Cylinder Latest Developments

13.7 Toyota

13.7.1 Toyota Company Information

13.7.2 Toyota Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.7.3 Toyota Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Toyota Main Business Overview

13.7.5 Toyota Latest Developments

13.8 Sinoma Science & Technology

13.8.1 Sinoma Science & Technology Company Information

13.8.2 Sinoma Science & Technology Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.8.3 Sinoma Science & Technology Carbon Fiber Pressure Vessel Sales, Revenue,

Price and Gross Margin (2019-2024)

13.8.4 Sinoma Science & Technology Main Business Overview

13.8.5 Sinoma Science & Technology Latest Developments

13.9 Beijing China Tank Industry

13.9.1 Beijing China Tank Industry Company Information

13.9.2 Beijing China Tank Industry Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.9.3 Beijing China Tank Industry Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Beijing China Tank Industry Main Business Overview

13.9.5 Beijing China Tank Industry Latest Developments

13.10 AMS Composite Cylinders

13.10.1 AMS Composite Cylinders Company Information

13.10.2 AMS Composite Cylinders Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.10.3 AMS Composite Cylinders Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 AMS Composite Cylinders Main Business Overview

13.10.5 AMS Composite Cylinders Latest Developments

13.11 Beijing Tianhai Industry

13.11.1 Beijing Tianhai Industry Company Information

13.11.2 Beijing Tianhai Industry Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.11.3 Beijing Tianhai Industry Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Beijing Tianhai Industry Main Business Overview

13.11.5 Beijing Tianhai Industry Latest Developments

13.12 Teijin Engineering Limited

13.12.1 Teijin Engineering Limited Company Information

13.12.2 Teijin Engineering Limited Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.12.3 Teijin Engineering Limited Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Teijin Engineering Limited Main Business Overview

13.12.5 Teijin Engineering Limited Latest Developments

13.13 NPROXX

13.13.1 NPROXX Company Information

13.13.2 NPROXX Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.13.3 NPROXX Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross

Margin (2019-2024)

13.13.4 NPROXX Main Business Overview

13.13.5 NPROXX Latest Developments

13.14 Doosan

13.14.1 Doosan Company Information

13.14.2 Doosan Carbon Fiber Pressure Vessel Product Portfolios and Specifications

13.14.3 Doosan Carbon Fiber Pressure Vessel Sales, Revenue, Price and Gross

Margin (2019-2024)

13.14.4 Doosan Main Business Overview

13.14.5 Doosan Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Carbon Fiber Pressure Vessel Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Carbon Fiber Pressure Vessel Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Type III

Table 4. Major Players of Type IV

Table 5. Major Players of Others

Table 6. Global Carbon Fiber Pressure Vessel Sales by Type (2019-2024) & (K Units)

Table 7. Global Carbon Fiber Pressure Vessel Sales Market Share by Type (2019-2024)

Table 8. Global Carbon Fiber Pressure Vessel Revenue by Type (2019-2024) & (\$ million)

Table 9. Global Carbon Fiber Pressure Vessel Revenue Market Share by Type (2019-2024)

Table 10. Global Carbon Fiber Pressure Vessel Sale Price by Type (2019-2024) & (US\$/Units)

Table 11. Global Carbon Fiber Pressure Vessel Sales by Application (2019-2024) & (K Units)

Table 12. Global Carbon Fiber Pressure Vessel Sales Market Share by Application (2019-2024)

Table 13. Global Carbon Fiber Pressure Vessel Revenue by Application (2019-2024)

Table 14. Global Carbon Fiber Pressure Vessel Revenue Market Share by Application (2019-2024)

Table 15. Global Carbon Fiber Pressure Vessel Sale Price by Application (2019-2024) & (US\$/Units)

Table 16. Global Carbon Fiber Pressure Vessel Sales by Company (2019-2024) & (K Units)

Table 17. Global Carbon Fiber Pressure Vessel Sales Market Share by Company (2019-2024)

Table 18. Global Carbon Fiber Pressure Vessel Revenue by Company (2019-2024) (\$ Millions)

Table 19. Global Carbon Fiber Pressure Vessel Revenue Market Share by Company (2019-2024)

Table 20. Global Carbon Fiber Pressure Vessel Sale Price by Company (2019-2024) & (US\$/Units)

Table 21. Key Manufacturers Carbon Fiber Pressure Vessel Producing Area Distribution and Sales Area

Table 22. Players Carbon Fiber Pressure Vessel Products Offered

Table 23. Carbon Fiber Pressure Vessel Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Carbon Fiber Pressure Vessel Sales by Geographic Region (2019-2024) & (K Units)

Table 27. Global Carbon Fiber Pressure Vessel Sales Market Share Geographic Region (2019-2024)

Table 28. Global Carbon Fiber Pressure Vessel Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Carbon Fiber Pressure Vessel Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Carbon Fiber Pressure Vessel Sales by Country/Region (2019-2024) & (K Units)

Table 31. Global Carbon Fiber Pressure Vessel Sales Market Share by Country/Region (2019-2024)

Table 32. Global Carbon Fiber Pressure Vessel Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Carbon Fiber Pressure Vessel Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Carbon Fiber Pressure Vessel Sales by Country (2019-2024) & (K Units)

Table 35. Americas Carbon Fiber Pressure Vessel Sales Market Share by Country (2019-2024)

Table 36. Americas Carbon Fiber Pressure Vessel Revenue by Country (2019-2024) & (\$ Millions)

Table 37. Americas Carbon Fiber Pressure Vessel Revenue Market Share by Country (2019-2024)

Table 38. Americas Carbon Fiber Pressure Vessel Sales by Type (2019-2024) & (K Units)

Table 39. Americas Carbon Fiber Pressure Vessel Sales by Application (2019-2024) & (K Units)

Table 40. APAC Carbon Fiber Pressure Vessel Sales by Region (2019-2024) & (K Units)

Table 41. APAC Carbon Fiber Pressure Vessel Sales Market Share by Region (2019-2024)

Table 42. APAC Carbon Fiber Pressure Vessel Revenue by Region (2019-2024) & (\$ Millions)

Table 43. APAC Carbon Fiber Pressure Vessel Revenue Market Share by Region (2019-2024)

Table 44. APAC Carbon Fiber Pressure Vessel Sales by Type (2019-2024) & (K Units)

Table 45. APAC Carbon Fiber Pressure Vessel Sales by Application (2019-2024) & (K Units)

Table 46. Europe Carbon Fiber Pressure Vessel Sales by Country (2019-2024) & (K Units)

Table 47. Europe Carbon Fiber Pressure Vessel Sales Market Share by Country (2019-2024)

Table 48. Europe Carbon Fiber Pressure Vessel Revenue by Country (2019-2024) & (\$ Millions)

Table 49. Europe Carbon Fiber Pressure Vessel Revenue Market Share by Country (2019-2024)

Table 50. Europe Carbon Fiber Pressure Vessel Sales by Type (2019-2024) & (K Units)

Table 51. Europe Carbon Fiber Pressure Vessel Sales by Application (2019-2024) & (K Units)

Table 52. Middle East & Africa Carbon Fiber Pressure Vessel Sales by Country (2019-2024) & (K Units)

Table 53. Middle East & Africa Carbon Fiber Pressure Vessel Sales Market Share by Country (2019-2024)

Table 54. Middle East & Africa Carbon Fiber Pressure Vessel Revenue by Country (2019-2024) & (\$ Millions)

Table 55. Middle East & Africa Carbon Fiber Pressure Vessel Revenue Market Share by Country (2019-2024)

Table 56. Middle East & Africa Carbon Fiber Pressure Vessel Sales by Type (2019-2024) & (K Units)

Table 57. Middle East & Africa Carbon Fiber Pressure Vessel Sales by Application (2019-2024) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of Carbon Fiber Pressure Vessel

Table 59. Key Market Challenges & Risks of Carbon Fiber Pressure Vessel

Table 60. Key Industry Trends of Carbon Fiber Pressure Vessel

Table 61. Carbon Fiber Pressure Vessel Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Carbon Fiber Pressure Vessel Distributors List

Table 64. Carbon Fiber Pressure Vessel Customer List

Table 65. Global Carbon Fiber Pressure Vessel Sales Forecast by Region (2025-2030) & (K Units)

Table 66. Global Carbon Fiber Pressure Vessel Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 67. Americas Carbon Fiber Pressure Vessel Sales Forecast by Country (2025-2030) & (K Units)

Table 68. Americas Carbon Fiber Pressure Vessel Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 69. APAC Carbon Fiber Pressure Vessel Sales Forecast by Region (2025-2030) & (K Units)

Table 70. APAC Carbon Fiber Pressure Vessel Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 71. Europe Carbon Fiber Pressure Vessel Sales Forecast by Country (2025-2030) & (K Units)

Table 72. Europe Carbon Fiber Pressure Vessel Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 73. Middle East & Africa Carbon Fiber Pressure Vessel Sales Forecast by Country (2025-2030) & (K Units)

Table 74. Middle East & Africa Carbon Fiber Pressure Vessel Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 75. Global Carbon Fiber Pressure Vessel Sales Forecast by Type (2025-2030) & (K Units)

Table 76. Global Carbon Fiber Pressure Vessel Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 77. Global Carbon Fiber Pressure Vessel Sales Forecast by Application (2025-2030) & (K Units)

Table 78. Global Carbon Fiber Pressure Vessel Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 79. Luxfer Group Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 80. Luxfer Group Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 81. Luxfer Group Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 82. Luxfer Group Main Business

Table 83. Luxfer Group Latest Developments

Table 84. Iljin Composites Corp Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 85. Iljin Composites Corp Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 86. Iljin Composites Corp Carbon Fiber Pressure Vessel Sales (K Units),

Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 87. Iljin Composites Corp Main Business

Table 88. Iljin Composites Corp Latest Developments

Table 89. Faber Industrie SpA Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 90. Faber Industrie SpA Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 91. Faber Industrie SpA Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 92. Faber Industrie SpA Main Business

Table 93. Faber Industrie SpA Latest Developments

Table 94. Worthington Industries Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 95. Worthington Industries Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 96. Worthington Industries Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 97. Worthington Industries Main Business

Table 98. Worthington Industries Latest Developments

Table 99. 3M Scott Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 100. 3M Scott Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 101. 3M Scott Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 102. 3M Scott Main Business

Table 103. 3M Scott Latest Developments

Table 104. Shenyang Gas Cylinder Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 105. Shenyang Gas Cylinder Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 106. Shenyang Gas Cylinder Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 107. Shenyang Gas Cylinder Main Business

Table 108. Shenyang Gas Cylinder Latest Developments

Table 109. Toyota Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 110. Toyota Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 111. Toyota Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million),

Price (US\$/Units) and Gross Margin (2019-2024)

Table 112. Toyota Main Business

Table 113. Toyota Latest Developments

Table 114. Sinoma Science & Technology Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 115. Sinoma Science & Technology Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 116. Sinoma Science & Technology Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 117. Sinoma Science & Technology Main Business

Table 118. Sinoma Science & Technology Latest Developments

Table 119. Beijing China Tank Industry Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 120. Beijing China Tank Industry Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 121. Beijing China Tank Industry Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 122. Beijing China Tank Industry Main Business

Table 123. Beijing China Tank Industry Latest Developments

Table 124. AMS Composite Cylinders Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 125. AMS Composite Cylinders Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 126. AMS Composite Cylinders Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 127. AMS Composite Cylinders Main Business

Table 128. AMS Composite Cylinders Latest Developments

Table 129. Beijing Tianhai Industry Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 130. Beijing Tianhai Industry Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 131. Beijing Tianhai Industry Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 132. Beijing Tianhai Industry Main Business

Table 133. Beijing Tianhai Industry Latest Developments

Table 134. Teijin Engineering Limited Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 135. Teijin Engineering Limited Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 136. Teijin Engineering Limited Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 137. Teijin Engineering Limited Main Business

Table 138. Teijin Engineering Limited Latest Developments

Table 139. NPROXX Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 140. NPROXX Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 141. NPROXX Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 142. NPROXX Main Business

Table 143. NPROXX Latest Developments

Table 144. Doosan Basic Information, Carbon Fiber Pressure Vessel Manufacturing Base, Sales Area and Its Competitors

Table 145. Doosan Carbon Fiber Pressure Vessel Product Portfolios and Specifications

Table 146. Doosan Carbon Fiber Pressure Vessel Sales (K Units), Revenue (\$ Million), Price (US\$/Units) and Gross Margin (2019-2024)

Table 147. Doosan Main Business

Table 148. Doosan Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Carbon Fiber Pressure Vessel

Figure 2. Carbon Fiber Pressure Vessel Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Carbon Fiber Pressure Vessel Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global Carbon Fiber Pressure Vessel Revenue Growth Rate 2019-2030 (\$ Millions)

Figure 8. Carbon Fiber Pressure Vessel Sales by Region (2019, 2023 & 2030) & (\$ Millions)

Figure 9. Product Picture of Type III

Figure 10. Product Picture of Type IV

Figure 11. Product Picture of Others

Figure 12. Global Carbon Fiber Pressure Vessel Sales Market Share by Type in 2023

Figure 13. Global Carbon Fiber Pressure Vessel Revenue Market Share by Type (2019-2024)

Figure 14. Carbon Fiber Pressure Vessel Consumed in CNG Storage Tank

Figure 15. Global Carbon Fiber Pressure Vessel Market: CNG Storage Tank (2019-2024) & (K Units)

Figure 16. Carbon Fiber Pressure Vessel Consumed in SCBA/SCUBA

Figure 17. Global Carbon Fiber Pressure Vessel Market: SCBA/SCUBA (2019-2024) & (K Units)

Figure 18. Carbon Fiber Pressure Vessel Consumed in Hydrogen Storage Tank

Figure 19. Global Carbon Fiber Pressure Vessel Market: Hydrogen Storage Tank (2019-2024) & (K Units)

Figure 20. Carbon Fiber Pressure Vessel Consumed in Others

Figure 21. Global Carbon Fiber Pressure Vessel Market: Others (2019-2024) & (K Units)

Figure 22. Global Carbon Fiber Pressure Vessel Sales Market Share by Application (2023)

Figure 23. Global Carbon Fiber Pressure Vessel Revenue Market Share by Application in 2023

Figure 24. Carbon Fiber Pressure Vessel Sales Market by Company in 2023 (K Units)

Figure 25. Global Carbon Fiber Pressure Vessel Sales Market Share by Company in 2023

Figure 26. Carbon Fiber Pressure Vessel Revenue Market by Company in 2023 (\$ Million)

Figure 27. Global Carbon Fiber Pressure Vessel Revenue Market Share by Company in 2023

Figure 28. Global Carbon Fiber Pressure Vessel Sales Market Share by Geographic Region (2019-2024)

Figure 29. Global Carbon Fiber Pressure Vessel Revenue Market Share by Geographic Region in 2023

Figure 30. Americas Carbon Fiber Pressure Vessel Sales 2019-2024 (K Units)

Figure 31. Americas Carbon Fiber Pressure Vessel Revenue 2019-2024 (\$ Millions)

Figure 32. APAC Carbon Fiber Pressure Vessel Sales 2019-2024 (K Units)

Figure 33. APAC Carbon Fiber Pressure Vessel Revenue 2019-2024 (\$ Millions)

Figure 34. Europe Carbon Fiber Pressure Vessel Sales 2019-2024 (K Units)

Figure 35. Europe Carbon Fiber Pressure Vessel Revenue 2019-2024 (\$ Millions)

Figure 36. Middle East & Africa Carbon Fiber Pressure Vessel Sales 2019-2024 (K Units)

Figure 37. Middle East & Africa Carbon Fiber Pressure Vessel Revenue 2019-2024 (\$ Millions)

Figure 38. Americas Carbon Fiber Pressure Vessel Sales Market Share by Country in 2023

Figure 39. Americas Carbon Fiber Pressure Vessel Revenue Market Share by Country in 2023

Figure 40. Americas Carbon Fiber Pressure Vessel Sales Market Share by Type (2019-2024)

Figure 41. Americas Carbon Fiber Pressure Vessel Sales Market Share by Application (2019-2024)

Figure 42. United States Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 43. Canada Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Mexico Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Brazil Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 46. APAC Carbon Fiber Pressure Vessel Sales Market Share by Region in 2023

Figure 47. APAC Carbon Fiber Pressure Vessel Revenue Market Share by Regions in 2023

Figure 48. APAC Carbon Fiber Pressure Vessel Sales Market Share by Type (2019-2024)

Figure 49. APAC Carbon Fiber Pressure Vessel Sales Market Share by Application

(2019-2024)

Figure 50. China Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 51. Japan Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 52. South Korea Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 53. Southeast Asia Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 54. India Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 55. Australia Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 56. China Taiwan Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 57. Europe Carbon Fiber Pressure Vessel Sales Market Share by Country in 2023

Figure 58. Europe Carbon Fiber Pressure Vessel Revenue Market Share by Country in 2023

Figure 59. Europe Carbon Fiber Pressure Vessel Sales Market Share by Type (2019-2024)

Figure 60. Europe Carbon Fiber Pressure Vessel Sales Market Share by Application (2019-2024)

Figure 61. Germany Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 62. France Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 63. UK Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 64. Italy Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Russia Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Middle East & Africa Carbon Fiber Pressure Vessel Sales Market Share by Country in 2023

Figure 67. Middle East & Africa Carbon Fiber Pressure Vessel Revenue Market Share by Country in 2023

Figure 68. Middle East & Africa Carbon Fiber Pressure Vessel Sales Market Share by Type (2019-2024)

Figure 69. Middle East & Africa Carbon Fiber Pressure Vessel Sales Market Share by Application (2019-2024)

Figure 70. Egypt Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 71. South Africa Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 72. Israel Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Turkey Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 74. GCC Country Carbon Fiber Pressure Vessel Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Manufacturing Cost Structure Analysis of Carbon Fiber Pressure Vessel in 2023

Figure 76. Manufacturing Process Analysis of Carbon Fiber Pressure Vessel

Figure 77. Industry Chain Structure of Carbon Fiber Pressure Vessel

Figure 78. Channels of Distribution

Figure 79. Global Carbon Fiber Pressure Vessel Sales Market Forecast by Region (2025-2030)

Figure 80. Global Carbon Fiber Pressure Vessel Revenue Market Share Forecast by Region (2025-2030)

Figure 81. Global Carbon Fiber Pressure Vessel Sales Market Share Forecast by Type (2025-2030)

Figure 82. Global Carbon Fiber Pressure Vessel Revenue Market Share Forecast by Type (2025-2030)

Figure 83. Global Carbon Fiber Pressure Vessel Sales Market Share Forecast by Application (2025-2030)

Figure 84. Global Carbon Fiber Pressure Vessel Revenue Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global Carbon Fiber Pressure Vessel Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GB700A8D2D9EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB700A8D2D9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970