

Global High Purity Fluorocarbon Gas Market Growth 2025-2031

<https://marketpublishers.com/r/G1889352F8D7EN.html>

Date: November 2025

Pages: 116

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

ID: G1889352F8D7EN

Abstracts

The global High Purity Fluorocarbon Gas market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Fluorocarbons, sometimes referred to as perfluorocarbons or PFCs, are organofluorine compounds with the formula C_xF_y , i.e., they contain only carbon and fluorine. Compounds with the prefix perfluoro- are hydrocarbons, including those with heteroatoms, wherein all C-H bonds have been replaced by C-F bonds.

Electronics Manufacturing industries that use fluorocarbon gases for etching and chamber cleaning include liquid crystal displays (LCDs), photovoltaic cells (PV), and semiconductors (including light-emitting diodes).

United States market for High Purity Fluorocarbon Gas is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for High Purity Fluorocarbon Gas is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for High Purity Fluorocarbon Gas is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key High Purity Fluorocarbon Gas players cover Linde Gas, Showa Denko, Taiyo Nippon Sanso, Air Liquide, Kanto Denka Kogyo, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “High Purity Fluorocarbon Gas Industry Forecast” looks at past sales and reviews total world High Purity Fluorocarbon Gas sales in 2024, providing a comprehensive analysis by region and market sector of projected High Purity Fluorocarbon Gas sales for 2025 through 2031. With High Purity Fluorocarbon Gas sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Purity Fluorocarbon Gas industry.

This Insight Report provides a comprehensive analysis of the global High Purity Fluorocarbon Gas landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Purity Fluorocarbon Gas portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Purity Fluorocarbon Gas market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Purity Fluorocarbon Gas and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High Purity Fluorocarbon Gas.

This report presents a comprehensive overview, market shares, and growth opportunities of High Purity Fluorocarbon Gas market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Tetrafluoromethane (CF₄)

Hexafluoroethane (C₂F₆)

Octafluoropropane (C₃F₈)

Hexafluorobutadiene (C₄F₆)

Octafluorocyclobutane (C₄F₈)

Tetrafluoromethane (CHF3)

Others

Segmentation by Application:

Integrated Circuits

Display Panels

Solar

LED & 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 analysing the company's coverage, product portfolio, its market penetration.

Linde Gas

Showa Denko

Taiyo Nippon Sanso

Air Liquide

Kanto Denka Kogyo

Versum Materials (Merck)

Foosung

SK Materials

Huate Gas

Kemeite (Yoke Technology)

Haohua

Jinhong Gas

Key Questions Addressed in this Report

What is the 10-year outlook for the global High Purity Fluorocarbon Gas market?

What factors are driving High Purity Fluorocarbon Gas market growth, globally and by region?

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

How do High Purity Fluorocarbon Gas market opportunities vary by end market size?

How does High Purity Fluorocarbon Gas break out by Type, by 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 High Purity Fluorocarbon Gas Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for High Purity Fluorocarbon Gas by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for High Purity Fluorocarbon Gas by Country/Region, 2020, 2024 & 2031

2.2 High Purity Fluorocarbon Gas Segment by Type

- 2.2.1 Tetrafluoromethane (CF₄)
- 2.2.2 Hexafluoroethane (C₂F₆)
- 2.2.3 Octafluoropropane (C₃F₈)
- 2.2.4 Hexafluorobutadiene (C₄F₆)
- 2.2.5 Octafluorocyclobutane (C₄F₈)
- 2.2.6 Tetrafluoromethane (CHF₃)
- 2.2.7 Others

2.3 High Purity Fluorocarbon Gas Sales by Type

- 2.3.1 Global High Purity Fluorocarbon Gas Sales Market Share by Type (2020-2025)
- 2.3.2 Global High Purity Fluorocarbon Gas Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global High Purity Fluorocarbon Gas Sale Price by Type (2020-2025)

2.4 High Purity Fluorocarbon Gas Segment by Application

- 2.4.1 Integrated Circuits
- 2.4.2 Display Panels
- 2.4.3 Solar
- 2.4.4 LED & Others

2.5 High Purity Fluorocarbon Gas Sales by Application

2.5.1 Global High Purity Fluorocarbon Gas Sale Market Share by Application (2020-2025)

2.5.2 Global High Purity Fluorocarbon Gas Revenue and Market Share by Application (2020-2025)

2.5.3 Global High Purity Fluorocarbon Gas Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global High Purity Fluorocarbon Gas Breakdown Data by Company

3.1.1 Global High Purity Fluorocarbon Gas Annual Sales by Company (2020-2025)

3.1.2 Global High Purity Fluorocarbon Gas Sales Market Share by Company (2020-2025)

3.2 Global High Purity Fluorocarbon Gas Annual Revenue by Company (2020-2025)

3.2.1 Global High Purity Fluorocarbon Gas Revenue by Company (2020-2025)

3.2.2 Global High Purity Fluorocarbon Gas Revenue Market Share by Company (2020-2025)

3.3 Global High Purity Fluorocarbon Gas Sale Price by Company

3.4 Key Manufacturers High Purity Fluorocarbon Gas Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High Purity Fluorocarbon Gas Product Location Distribution

3.4.2 Players High Purity Fluorocarbon Gas Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR HIGH PURITY FLUOROCARBON GAS BY GEOGRAPHIC REGION

4.1 World Historic High Purity Fluorocarbon Gas Market Size by Geographic Region (2020-2025)

4.1.1 Global High Purity Fluorocarbon Gas Annual Sales by Geographic Region (2020-2025)

4.1.2 Global High Purity Fluorocarbon Gas Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic High Purity Fluorocarbon Gas Market Size by Country/Region (2020-2025)

4.2.1 Global High Purity Fluorocarbon Gas Annual Sales by Country/Region (2020-2025)

4.2.2 Global High Purity Fluorocarbon Gas Annual Revenue by Country/Region (2020-2025)

4.3 Americas High Purity Fluorocarbon Gas Sales Growth

4.4 APAC High Purity Fluorocarbon Gas Sales Growth

4.5 Europe High Purity Fluorocarbon Gas Sales Growth

4.6 Middle East & Africa High Purity Fluorocarbon Gas Sales Growth

5 AMERICAS

5.1 Americas High Purity Fluorocarbon Gas Sales by Country

5.1.1 Americas High Purity Fluorocarbon Gas Sales by Country (2020-2025)

5.1.2 Americas High Purity Fluorocarbon Gas Revenue by Country (2020-2025)

5.2 Americas High Purity Fluorocarbon Gas Sales by Type (2020-2025)

5.3 Americas High Purity Fluorocarbon Gas Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC High Purity Fluorocarbon Gas Sales by Region

6.1.1 APAC High Purity Fluorocarbon Gas Sales by Region (2020-2025)

6.1.2 APAC High Purity Fluorocarbon Gas Revenue by Region (2020-2025)

6.2 APAC High Purity Fluorocarbon Gas Sales by Type (2020-2025)

6.3 APAC High Purity Fluorocarbon Gas Sales by Application (2020-2025)

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 High Purity Fluorocarbon Gas by Country

- 7.1.1 Europe High Purity Fluorocarbon Gas Sales by Country (2020-2025)
- 7.1.2 Europe High Purity Fluorocarbon Gas Revenue by Country (2020-2025)
- 7.2 Europe High Purity Fluorocarbon Gas Sales by Type (2020-2025)
- 7.3 Europe High Purity Fluorocarbon Gas Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa High Purity Fluorocarbon Gas by Country
 - 8.1.1 Middle East & Africa High Purity Fluorocarbon Gas Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa High Purity Fluorocarbon Gas Revenue by Country (2020-2025)
- 8.2 Middle East & Africa High Purity Fluorocarbon Gas Sales by Type (2020-2025)
- 8.3 Middle East & Africa High Purity Fluorocarbon Gas Sales by Application (2020-2025)
- 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 High Purity Fluorocarbon Gas
- 10.3 Manufacturing Process Analysis of High Purity Fluorocarbon Gas
- 10.4 Industry Chain Structure of High Purity Fluorocarbon Gas

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 High Purity Fluorocarbon Gas Distributors

11.3 High Purity Fluorocarbon Gas Customer

12 WORLD FORECAST REVIEW FOR HIGH PURITY FLUOROCARBON GAS BY GEOGRAPHIC REGION

12.1 Global High Purity Fluorocarbon Gas Market Size Forecast by Region

12.1.1 Global High Purity Fluorocarbon Gas Forecast by Region (2026-2031)

12.1.2 Global High Purity Fluorocarbon Gas Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global High Purity Fluorocarbon Gas Forecast by Type (2026-2031)

12.7 Global High Purity Fluorocarbon Gas Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Linde Gas

13.1.1 Linde Gas Company Information

13.1.2 Linde Gas High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.1.3 Linde Gas High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Linde Gas Main Business Overview

13.1.5 Linde Gas Latest Developments

13.2 Showa Denko

13.2.1 Showa Denko Company Information

13.2.2 Showa Denko High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.2.3 Showa Denko High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Showa Denko Main Business Overview

13.2.5 Showa Denko Latest Developments

13.3 Taiyo Nippon Sanso

13.3.1 Taiyo Nippon Sanso Company Information

13.3.2 Taiyo Nippon Sanso High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.3.3 Taiyo Nippon Sanso High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Taiyo Nippon Sanso Main Business Overview

13.3.5 Taiyo Nippon Sanso Latest Developments

13.4 Air Liquide

13.4.1 Air Liquide Company Information

13.4.2 Air Liquide High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.4.3 Air Liquide High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Air Liquide Main Business Overview

13.4.5 Air Liquide Latest Developments

13.5 Kanto Denka Kogyo

13.5.1 Kanto Denka Kogyo Company Information

13.5.2 Kanto Denka Kogyo High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.5.3 Kanto Denka Kogyo High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Kanto Denka Kogyo Main Business Overview

13.5.5 Kanto Denka Kogyo Latest Developments

13.6 Versum Materials (Merck)

13.6.1 Versum Materials (Merck) Company Information

13.6.2 Versum Materials (Merck) High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.6.3 Versum Materials (Merck) High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Versum Materials (Merck) Main Business Overview

13.6.5 Versum Materials (Merck) Latest Developments

13.7 Foosung

13.7.1 Foosung Company Information

13.7.2 Foosung High Purity Fluorocarbon Gas Product Portfolios and Specifications

13.7.3 Foosung High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Foosung Main Business Overview

13.7.5 Foosung Latest Developments

13.8 SK Materials

- 13.8.1 SK Materials Company Information
- 13.8.2 SK Materials High Purity Fluorocarbon Gas Product Portfolios and Specifications
- 13.8.3 SK Materials High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.8.4 SK Materials Main Business Overview
- 13.8.5 SK Materials Latest Developments
- 13.9 Huate Gas
 - 13.9.1 Huate Gas Company Information
 - 13.9.2 Huate Gas High Purity Fluorocarbon Gas Product Portfolios and Specifications
 - 13.9.3 Huate Gas High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 Huate Gas Main Business Overview
 - 13.9.5 Huate Gas Latest Developments
- 13.10 Kemeite (Yoke Technology)
 - 13.10.1 Kemeite (Yoke Technology) Company Information
 - 13.10.2 Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Product Portfolios and Specifications
 - 13.10.3 Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 Kemeite (Yoke Technology) Main Business Overview
 - 13.10.5 Kemeite (Yoke Technology) Latest Developments
- 13.11 Haohua
 - 13.11.1 Haohua Company Information
 - 13.11.2 Haohua High Purity Fluorocarbon Gas Product Portfolios and Specifications
 - 13.11.3 Haohua High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Haohua Main Business Overview
 - 13.11.5 Haohua Latest Developments
- 13.12 Jinhong Gas
 - 13.12.1 Jinhong Gas Company Information
 - 13.12.2 Jinhong Gas High Purity Fluorocarbon Gas Product Portfolios and Specifications
 - 13.12.3 Jinhong Gas High Purity Fluorocarbon Gas Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 Jinhong Gas Main Business Overview
 - 13.12.5 Jinhong Gas Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. High Purity Fluorocarbon Gas Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. High Purity Fluorocarbon Gas Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Tetrafluoromethane (CF₄)

Table 4. Major Players of Hexafluoroethane (C₂F₆)

Table 5. Major Players of Octafluoropropane (C₃F₈)

Table 6. Major Players of Hexafluorobutadiene (C₄F₆)

Table 7. Major Players of Octafluorocyclobutane (C₄F₈)

Table 8. Major Players of Tetrafluoromethane (CHF₃)

Table 9. Major Players of Others

Table 10. Global High Purity Fluorocarbon Gas Sales by Type (2020-2025) & (Tons)

Table 11. Global High Purity Fluorocarbon Gas Sales Market Share by Type (2020-2025)

Table 12. Global High Purity Fluorocarbon Gas Revenue by Type (2020-2025) & (\$ million)

Table 13. Global High Purity Fluorocarbon Gas Revenue Market Share by Type (2020-2025)

Table 14. Global High Purity Fluorocarbon Gas Sale Price by Type (2020-2025) & (US\$/Ton)

Table 15. Global High Purity Fluorocarbon Gas Sale by Application (2020-2025) & (Tons)

Table 16. Global High Purity Fluorocarbon Gas Sale Market Share by Application (2020-2025)

Table 17. Global High Purity Fluorocarbon Gas Revenue by Application (2020-2025) & (\$ million)

Table 18. Global High Purity Fluorocarbon Gas Revenue Market Share by Application (2020-2025)

Table 19. Global High Purity Fluorocarbon Gas Sale Price by Application (2020-2025) & (US\$/Ton)

Table 20. Global High Purity Fluorocarbon Gas Sales by Company (2020-2025) & (Tons)

Table 21. Global High Purity Fluorocarbon Gas Sales Market Share by Company (2020-2025)

Table 22. Global High Purity Fluorocarbon Gas Revenue by Company (2020-2025) & (\$

millions)

Table 23. Global High Purity Fluorocarbon Gas Revenue Market Share by Company (2020-2025)

Table 24. Global High Purity Fluorocarbon Gas Sale Price by Company (2020-2025) & (US\$/Ton)

Table 25. Key Manufacturers High Purity Fluorocarbon Gas Producing Area Distribution and Sales Area

Table 26. Players High Purity Fluorocarbon Gas Products Offered

Table 27. High Purity Fluorocarbon Gas Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 28. New Products and Potential Entrants

Table 29. Market M&A Activity & Strategy

Table 30. Global High Purity Fluorocarbon Gas Sales by Geographic Region (2020-2025) & (Tons)

Table 31. Global High Purity Fluorocarbon Gas Sales Market Share Geographic Region (2020-2025)

Table 32. Global High Purity Fluorocarbon Gas Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 33. Global High Purity Fluorocarbon Gas Revenue Market Share by Geographic Region (2020-2025)

Table 34. Global High Purity Fluorocarbon Gas Sales by Country/Region (2020-2025) & (Tons)

Table 35. Global High Purity Fluorocarbon Gas Sales Market Share by Country/Region (2020-2025)

Table 36. Global High Purity Fluorocarbon Gas Revenue by Country/Region (2020-2025) & (\$ millions)

Table 37. Global High Purity Fluorocarbon Gas Revenue Market Share by Country/Region (2020-2025)

Table 38. Americas High Purity Fluorocarbon Gas Sales by Country (2020-2025) & (Tons)

Table 39. Americas High Purity Fluorocarbon Gas Sales Market Share by Country (2020-2025)

Table 40. Americas High Purity Fluorocarbon Gas Revenue by Country (2020-2025) & (\$ millions)

Table 41. Americas High Purity Fluorocarbon Gas Sales by Type (2020-2025) & (Tons)

Table 42. Americas High Purity Fluorocarbon Gas Sales by Application (2020-2025) & (Tons)

Table 43. APAC High Purity Fluorocarbon Gas Sales by Region (2020-2025) & (Tons)

Table 44. APAC High Purity Fluorocarbon Gas Sales Market Share by Region

(2020-2025)

Table 45. APAC High Purity Fluorocarbon Gas Revenue by Region (2020-2025) & (\$ millions)

Table 46. APAC High Purity Fluorocarbon Gas Sales by Type (2020-2025) & (Tons)

Table 47. APAC High Purity Fluorocarbon Gas Sales by Application (2020-2025) & (Tons)

Table 48. Europe High Purity Fluorocarbon Gas Sales by Country (2020-2025) & (Tons)

Table 49. Europe High Purity Fluorocarbon Gas Revenue by Country (2020-2025) & (\$ millions)

Table 50. Europe High Purity Fluorocarbon Gas Sales by Type (2020-2025) & (Tons)

Table 51. Europe High Purity Fluorocarbon Gas Sales by Application (2020-2025) & (Tons)

Table 52. Middle East & Africa High Purity Fluorocarbon Gas Sales by Country (2020-2025) & (Tons)

Table 53. Middle East & Africa High Purity Fluorocarbon Gas Revenue Market Share by Country (2020-2025)

Table 54. Middle East & Africa High Purity Fluorocarbon Gas Sales by Type (2020-2025) & (Tons)

Table 55. Middle East & Africa High Purity Fluorocarbon Gas Sales by Application (2020-2025) & (Tons)

Table 56. Key Market Drivers & Growth Opportunities of High Purity Fluorocarbon Gas

Table 57. Key Market Challenges & Risks of High Purity Fluorocarbon Gas

Table 58. Key Industry Trends of High Purity Fluorocarbon Gas

Table 59. High Purity Fluorocarbon Gas Raw Material

Table 60. Key Suppliers of Raw Materials

Table 61. High Purity Fluorocarbon Gas Distributors List

Table 62. High Purity Fluorocarbon Gas Customer List

Table 63. Global High Purity Fluorocarbon Gas Sales Forecast by Region (2026-2031) & (Tons)

Table 64. Global High Purity Fluorocarbon Gas Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 65. Americas High Purity Fluorocarbon Gas Sales Forecast by Country (2026-2031) & (Tons)

Table 66. Americas High Purity Fluorocarbon Gas Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 67. APAC High Purity Fluorocarbon Gas Sales Forecast by Region (2026-2031) & (Tons)

Table 68. APAC High Purity Fluorocarbon Gas Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 69. Europe High Purity Fluorocarbon Gas Sales Forecast by Country (2026-2031) & (Tons)

Table 70. Europe High Purity Fluorocarbon Gas Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 71. Middle East & Africa High Purity Fluorocarbon Gas Sales Forecast by Country (2026-2031) & (Tons)

Table 72. Middle East & Africa High Purity Fluorocarbon Gas Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 73. Global High Purity Fluorocarbon Gas Sales Forecast by Type (2026-2031) & (Tons)

Table 74. Global High Purity Fluorocarbon Gas Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 75. Global High Purity Fluorocarbon Gas Sales Forecast by Application (2026-2031) & (Tons)

Table 76. Global High Purity Fluorocarbon Gas Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 77. Linde Gas Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 78. Linde Gas High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 79. Linde Gas High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 80. Linde Gas Main Business

Table 81. Linde Gas Latest Developments

Table 82. Showa Denko Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 83. Showa Denko High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 84. Showa Denko High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 85. Showa Denko Main Business

Table 86. Showa Denko Latest Developments

Table 87. Taiyo Nippon Sanso Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 88. Taiyo Nippon Sanso High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 89. Taiyo Nippon Sanso High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 90. Taiyo Nippon Sanso Main Business

- Table 91. Taiyo Nippon Sanso Latest Developments
- Table 92. Air Liquide Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors
- Table 93. Air Liquide High Purity Fluorocarbon Gas Product Portfolios and Specifications
- Table 94. Air Liquide High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)
- Table 95. Air Liquide Main Business
- Table 96. Air Liquide Latest Developments
- Table 97. Kanto Denka Kogyo Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors
- Table 98. Kanto Denka Kogyo High Purity Fluorocarbon Gas Product Portfolios and Specifications
- Table 99. Kanto Denka Kogyo High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)
- Table 100. Kanto Denka Kogyo Main Business
- Table 101. Kanto Denka Kogyo Latest Developments
- Table 102. Versum Materials (Merck) Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors
- Table 103. Versum Materials (Merck) High Purity Fluorocarbon Gas Product Portfolios and Specifications
- Table 104. Versum Materials (Merck) High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)
- Table 105. Versum Materials (Merck) Main Business
- Table 106. Versum Materials (Merck) Latest Developments
- Table 107. Foosung Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors
- Table 108. Foosung High Purity Fluorocarbon Gas Product Portfolios and Specifications
- Table 109. Foosung High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)
- Table 110. Foosung Main Business
- Table 111. Foosung Latest Developments
- Table 112. SK Materials Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors
- Table 113. SK Materials High Purity Fluorocarbon Gas Product Portfolios and Specifications
- Table 114. SK Materials High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)
- Table 115. SK Materials Main Business

Table 116. SK Materials Latest Developments

Table 117. Huate Gas Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 118. Huate Gas High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 119. Huate Gas High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 120. Huate Gas Main Business

Table 121. Huate Gas Latest Developments

Table 122. Kemeite (Yoke Technology) Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 123. Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 124. Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 125. Kemeite (Yoke Technology) Main Business

Table 126. Kemeite (Yoke Technology) Latest Developments

Table 127. Haohua Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 128. Haohua High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 129. Haohua High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 130. Haohua Main Business

Table 131. Haohua Latest Developments

Table 132. Jinhong Gas Basic Information, High Purity Fluorocarbon Gas Manufacturing Base, Sales Area and Its Competitors

Table 133. Jinhong Gas High Purity Fluorocarbon Gas Product Portfolios and Specifications

Table 134. Jinhong Gas High Purity Fluorocarbon Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 135. Jinhong Gas Main Business

Table 136. Jinhong Gas Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of High Purity Fluorocarbon Gas
- Figure 2. High Purity Fluorocarbon Gas Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High Purity Fluorocarbon Gas Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global High Purity Fluorocarbon Gas Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. High Purity Fluorocarbon Gas Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. High Purity Fluorocarbon Gas Sales Market Share by Country/Region (2024)
- Figure 10. High Purity Fluorocarbon Gas Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Tetrafluoromethane (CF₄)
- Figure 12. Product Picture of Hexafluoroethane (C₂F₆)
- Figure 13. Product Picture of Octafluoropropane (C₃F₈)
- Figure 14. Product Picture of Hexafluorobutadiene (C₄F₆)
- Figure 15. Product Picture of Octafluorocyclobutane (C₄F₈)
- Figure 16. Product Picture of Tetrafluoromethane (CHF₃)
- Figure 17. Product Picture of Others
- Figure 18. Global High Purity Fluorocarbon Gas Sales Market Share by Type in 2025
- Figure 19. Global High Purity Fluorocarbon Gas Revenue Market Share by Type (2020-2025)
- Figure 20. High Purity Fluorocarbon Gas Consumed in Integrated Circuits
- Figure 21. Global High Purity Fluorocarbon Gas Market: Integrated Circuits (2020-2025) & (Tons)
- Figure 22. High Purity Fluorocarbon Gas Consumed in Display Panels
- Figure 23. Global High Purity Fluorocarbon Gas Market: Display Panels (2020-2025) & (Tons)
- Figure 24. High Purity Fluorocarbon Gas Consumed in Solar
- Figure 25. Global High Purity Fluorocarbon Gas Market: Solar (2020-2025) & (Tons)
- Figure 26. High Purity Fluorocarbon Gas Consumed in LED & Others
- Figure 27. Global High Purity Fluorocarbon Gas Market: LED & Others (2020-2025) & (Tons)
- Figure 28. Global High Purity Fluorocarbon Gas Sale Market Share by Application

(2024)

Figure 29. Global High Purity Fluorocarbon Gas Revenue Market Share by Application in 2025

Figure 30. High Purity Fluorocarbon Gas Sales by Company in 2025 (Tons)

Figure 31. Global High Purity Fluorocarbon Gas Sales Market Share by Company in 2025

Figure 32. High Purity Fluorocarbon Gas Revenue by Company in 2025 (\$ millions)

Figure 33. Global High Purity Fluorocarbon Gas Revenue Market Share by Company in 2025

Figure 34. Global High Purity Fluorocarbon Gas Sales Market Share by Geographic Region (2020-2025)

Figure 35. Global High Purity Fluorocarbon Gas Revenue Market Share by Geographic Region in 2025

Figure 36. Americas High Purity Fluorocarbon Gas Sales 2020-2025 (Tons)

Figure 37. Americas High Purity Fluorocarbon Gas Revenue 2020-2025 (\$ millions)

Figure 38. APAC High Purity Fluorocarbon Gas Sales 2020-2025 (Tons)

Figure 39. APAC High Purity Fluorocarbon Gas Revenue 2020-2025 (\$ millions)

Figure 40. Europe High Purity Fluorocarbon Gas Sales 2020-2025 (Tons)

Figure 41. Europe High Purity Fluorocarbon Gas Revenue 2020-2025 (\$ millions)

Figure 42. Middle East & Africa High Purity Fluorocarbon Gas Sales 2020-2025 (Tons)

Figure 43. Middle East & Africa High Purity Fluorocarbon Gas Revenue 2020-2025 (\$ millions)

Figure 44. Americas High Purity Fluorocarbon Gas Sales Market Share by Country in 2025

Figure 45. Americas High Purity Fluorocarbon Gas Revenue Market Share by Country (2020-2025)

Figure 46. Americas High Purity Fluorocarbon Gas Sales Market Share by Type (2020-2025)

Figure 47. Americas High Purity Fluorocarbon Gas Sales Market Share by Application (2020-2025)

Figure 48. United States High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 49. Canada High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 50. Mexico High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 51. Brazil High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 52. APAC High Purity Fluorocarbon Gas Sales Market Share by Region in 2025

Figure 53. APAC High Purity Fluorocarbon Gas Revenue Market Share by Region

(2020-2025)

Figure 54. APAC High Purity Fluorocarbon Gas Sales Market Share by Type

(2020-2025)

Figure 55. APAC High Purity Fluorocarbon Gas Sales Market Share by Application

(2020-2025)

Figure 56. China High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 57. Japan High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 58. South Korea High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 59. Southeast Asia High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 60. India High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 61. Australia High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 62. China Taiwan High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 63. Europe High Purity Fluorocarbon Gas Sales Market Share by Country in 2025

Figure 64. Europe High Purity Fluorocarbon Gas Revenue Market Share by Country (2020-2025)

Figure 65. Europe High Purity Fluorocarbon Gas Sales Market Share by Type (2020-2025)

Figure 66. Europe High Purity Fluorocarbon Gas Sales Market Share by Application (2020-2025)

Figure 67. Germany High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 68. France High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 69. UK High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 70. Italy High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 71. Russia High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 72. Middle East & Africa High Purity Fluorocarbon Gas Sales Market Share by Country (2020-2025)

Figure 73. Middle East & Africa High Purity Fluorocarbon Gas Sales Market Share by Type (2020-2025)

Figure 74. Middle East & Africa High Purity Fluorocarbon Gas Sales Market Share by Application (2020-2025)

Figure 75. Egypt High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 76. South Africa High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 77. Israel High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 78. Turkey High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 79. GCC Countries High Purity Fluorocarbon Gas Revenue Growth 2020-2025 (\$ millions)

Figure 80. Manufacturing Cost Structure Analysis of High Purity Fluorocarbon Gas in 2025

Figure 81. Manufacturing Process Analysis of High Purity Fluorocarbon Gas

Figure 82. Industry Chain Structure of High Purity Fluorocarbon Gas

Figure 83. Channels of Distribution

Figure 84. Global High Purity Fluorocarbon Gas Sales Market Forecast by Region (2026-2031)

Figure 85. Global High Purity Fluorocarbon Gas Revenue Market Share Forecast by Region (2026-2031)

Figure 86. Global High Purity Fluorocarbon Gas Sales Market Share Forecast by Type (2026-2031)

Figure 87. Global High Purity Fluorocarbon Gas Revenue Market Share Forecast by Type (2026-2031)

Figure 88. Global High Purity Fluorocarbon Gas Sales Market Share Forecast by Application (2026-2031)

Figure 89. Global High Purity Fluorocarbon Gas Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global High Purity Fluorocarbon Gas Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G1889352F8D7EN.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/G1889352F8D7EN.html>