

Global High Purity Fluorocarbon Gas Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF61B83B3CDEEN.html>

Date: March 2023

Pages: 106

Price: US\$ 4,480.00 (Single User License)

ID: GF61B83B3CDEEN

Abstracts

The global High Purity Fluorocarbon Gas market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

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 Compounds with the prefix perfluoro- are hydrocarbons, including those with heteroatoms, wherein all C-H bonds have been replaced by C-F bonds.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).

This report studies the global High Purity Fluorocarbon Gas production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Purity Fluorocarbon Gas, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Purity Fluorocarbon Gas that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Purity Fluorocarbon Gas total production and demand, 2018-2029, (Tons)

Global High Purity Fluorocarbon Gas total production value, 2018-2029, (USD Million)

Global High Purity Fluorocarbon Gas production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Purity Fluorocarbon Gas consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: High Purity Fluorocarbon Gas domestic production, consumption, key domestic manufacturers and share

Global High Purity Fluorocarbon Gas production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global High Purity Fluorocarbon Gas production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Purity Fluorocarbon Gas production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global High Purity Fluorocarbon Gas market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Linde Gas, Showa Denko, Taiyo Nippon Sanso, Air Liquide, Kanto Denka Kogyo, Versum Materials (Merck), Foosung, SK Materials and Huate Gas, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Purity Fluorocarbon Gas market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global High Purity Fluorocarbon Gas Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High Purity Fluorocarbon Gas Market, Segmentation by Type

Tetrafluoromethane (CF₄)

Hexafluoroethane (C₂F₆)

Octafluoropropane (C₃F₈)

Hexafluorobutadiene (C₄F₆)

Octafluorocyclobutane (C₄F₈)

Tetrafluoromethane (CHF₃)

Others

Global High Purity Fluorocarbon Gas Market, Segmentation by Application

Integrated Circuits

Display Panels

Solar

LED & Others

Companies Profiled:

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 Answered

1. How big is the global High Purity Fluorocarbon Gas market?

Global High Purity Fluorocarbon Gas Supply, Demand and Key Producers, 2023-2029

2. What is the demand of the global High Purity Fluorocarbon Gas market?
3. What is the year over year growth of the global High Purity Fluorocarbon Gas market?
4. What is the production and production value of the global High Purity Fluorocarbon Gas market?
5. Who are the key producers in the global High Purity Fluorocarbon Gas market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 High Purity Fluorocarbon Gas Introduction
- 1.2 World High Purity Fluorocarbon Gas Supply & Forecast
 - 1.2.1 World High Purity Fluorocarbon Gas Production Value (2018 & 2022 & 2029)
 - 1.2.2 World High Purity Fluorocarbon Gas Production (2018-2029)
 - 1.2.3 World High Purity Fluorocarbon Gas Pricing Trends (2018-2029)
- 1.3 World High Purity Fluorocarbon Gas Production by Region (Based on Production Site)
 - 1.3.1 World High Purity Fluorocarbon Gas Production Value by Region (2018-2029)
 - 1.3.2 World High Purity Fluorocarbon Gas Production by Region (2018-2029)
 - 1.3.3 World High Purity Fluorocarbon Gas Average Price by Region (2018-2029)
 - 1.3.4 North America High Purity Fluorocarbon Gas Production (2018-2029)
 - 1.3.5 Europe High Purity Fluorocarbon Gas Production (2018-2029)
 - 1.3.6 China High Purity Fluorocarbon Gas Production (2018-2029)
 - 1.3.7 Japan High Purity Fluorocarbon Gas Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 High Purity Fluorocarbon Gas Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 High Purity Fluorocarbon Gas Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World High Purity Fluorocarbon Gas Demand (2018-2029)
- 2.2 World High Purity Fluorocarbon Gas Consumption by Region
 - 2.2.1 World High Purity Fluorocarbon Gas Consumption by Region (2018-2023)
 - 2.2.2 World High Purity Fluorocarbon Gas Consumption Forecast by Region (2024-2029)
- 2.3 United States High Purity Fluorocarbon Gas Consumption (2018-2029)
- 2.4 China High Purity Fluorocarbon Gas Consumption (2018-2029)
- 2.5 Europe High Purity Fluorocarbon Gas Consumption (2018-2029)
- 2.6 Japan High Purity Fluorocarbon Gas Consumption (2018-2029)
- 2.7 South Korea High Purity Fluorocarbon Gas Consumption (2018-2029)
- 2.8 ASEAN High Purity Fluorocarbon Gas Consumption (2018-2029)

2.9 India High Purity Fluorocarbon Gas Consumption (2018-2029)

3 WORLD HIGH PURITY FLUOROCARBON GAS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World High Purity Fluorocarbon Gas Production Value by Manufacturer (2018-2023)

3.2 World High Purity Fluorocarbon Gas Production by Manufacturer (2018-2023)

3.3 World High Purity Fluorocarbon Gas Average Price by Manufacturer (2018-2023)

3.4 High Purity Fluorocarbon Gas Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global High Purity Fluorocarbon Gas Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for High Purity Fluorocarbon Gas in 2022

3.5.3 Global Concentration Ratios (CR8) for High Purity Fluorocarbon Gas in 2022

3.6 High Purity Fluorocarbon Gas Market: Overall Company Footprint Analysis

3.6.1 High Purity Fluorocarbon Gas Market: Region Footprint

3.6.2 High Purity Fluorocarbon Gas Market: Company Product Type Footprint

3.6.3 High Purity Fluorocarbon Gas Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: High Purity Fluorocarbon Gas Production Value Comparison

4.1.1 United States VS China: High Purity Fluorocarbon Gas Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: High Purity Fluorocarbon Gas Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: High Purity Fluorocarbon Gas Production Comparison

4.2.1 United States VS China: High Purity Fluorocarbon Gas Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: High Purity Fluorocarbon Gas Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: High Purity Fluorocarbon Gas Consumption Comparison

4.3.1 United States VS China: High Purity Fluorocarbon Gas Consumption

Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: High Purity Fluorocarbon Gas Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based High Purity Fluorocarbon Gas Manufacturers and Market Share, 2018-2023

4.4.1 United States Based High Purity Fluorocarbon Gas Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High Purity Fluorocarbon Gas Production Value (2018-2023)

4.4.3 United States Based Manufacturers High Purity Fluorocarbon Gas Production (2018-2023)

4.5 China Based High Purity Fluorocarbon Gas Manufacturers and Market Share

4.5.1 China Based High Purity Fluorocarbon Gas Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High Purity Fluorocarbon Gas Production Value (2018-2023)

4.5.3 China Based Manufacturers High Purity Fluorocarbon Gas Production (2018-2023)

4.6 Rest of World Based High Purity Fluorocarbon Gas Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based High Purity Fluorocarbon Gas Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World High Purity Fluorocarbon Gas Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Tetrafluoromethane (CF₄)

5.2.2 Hexafluoroethane (C₂F₆)

5.2.3 Octafluoropropane (C₃F₈)

5.2.4 Hexafluorobutadiene (C₄F₆)

5.2.5 Octafluorocyclobutane (C₄F₈)

5.2.6 Tetrafluoromethane (CHF₃)

5.2.7 Others

5.3 Market Segment by Type

- 5.3.1 World High Purity Fluorocarbon Gas Production by Type (2018-2029)
- 5.3.2 World High Purity Fluorocarbon Gas Production Value by Type (2018-2029)
- 5.3.3 World High Purity Fluorocarbon Gas Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World High Purity Fluorocarbon Gas Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

- 6.2.1 Integrated Circuits
- 6.2.2 Display Panels
- 6.2.3 Solar
- 6.2.4 LED & Others

6.3 Market Segment by Application

- 6.3.1 World High Purity Fluorocarbon Gas Production by Application (2018-2029)
- 6.3.2 World High Purity Fluorocarbon Gas Production Value by Application (2018-2029)
- 6.3.3 World High Purity Fluorocarbon Gas Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Linde Gas

- 7.1.1 Linde Gas Details
- 7.1.2 Linde Gas Major Business
- 7.1.3 Linde Gas High Purity Fluorocarbon Gas Product and Services
- 7.1.4 Linde Gas High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Linde Gas Recent Developments/Updates
- 7.1.6 Linde Gas Competitive Strengths & Weaknesses

7.2 Showa Denko

- 7.2.1 Showa Denko Details
- 7.2.2 Showa Denko Major Business
- 7.2.3 Showa Denko High Purity Fluorocarbon Gas Product and Services
- 7.2.4 Showa Denko High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Showa Denko Recent Developments/Updates
- 7.2.6 Showa Denko Competitive Strengths & Weaknesses

7.3 Taiyo Nippon Sanso

- 7.3.1 Taiyo Nippon Sanso Details
- 7.3.2 Taiyo Nippon Sanso Major Business
- 7.3.3 Taiyo Nippon Sanso High Purity Fluorocarbon Gas Product and Services
- 7.3.4 Taiyo Nippon Sanso High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Taiyo Nippon Sanso Recent Developments/Updates
- 7.3.6 Taiyo Nippon Sanso Competitive Strengths & Weaknesses
- 7.4 Air Liquide
 - 7.4.1 Air Liquide Details
 - 7.4.2 Air Liquide Major Business
 - 7.4.3 Air Liquide High Purity Fluorocarbon Gas Product and Services
 - 7.4.4 Air Liquide High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Air Liquide Recent Developments/Updates
 - 7.4.6 Air Liquide Competitive Strengths & Weaknesses
- 7.5 Kanto Denka Kogyo
 - 7.5.1 Kanto Denka Kogyo Details
 - 7.5.2 Kanto Denka Kogyo Major Business
 - 7.5.3 Kanto Denka Kogyo High Purity Fluorocarbon Gas Product and Services
 - 7.5.4 Kanto Denka Kogyo High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Kanto Denka Kogyo Recent Developments/Updates
 - 7.5.6 Kanto Denka Kogyo Competitive Strengths & Weaknesses
- 7.6 Versum Materials (Merck)
 - 7.6.1 Versum Materials (Merck) Details
 - 7.6.2 Versum Materials (Merck) Major Business
 - 7.6.3 Versum Materials (Merck) High Purity Fluorocarbon Gas Product and Services
 - 7.6.4 Versum Materials (Merck) High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Versum Materials (Merck) Recent Developments/Updates
 - 7.6.6 Versum Materials (Merck) Competitive Strengths & Weaknesses
- 7.7 Foosung
 - 7.7.1 Foosung Details
 - 7.7.2 Foosung Major Business
 - 7.7.3 Foosung High Purity Fluorocarbon Gas Product and Services
 - 7.7.4 Foosung High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Foosung Recent Developments/Updates
 - 7.7.6 Foosung Competitive Strengths & Weaknesses

7.8 SK Materials

7.8.1 SK Materials Details

7.8.2 SK Materials Major Business

7.8.3 SK Materials High Purity Fluorocarbon Gas Product and Services

7.8.4 SK Materials High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 SK Materials Recent Developments/Updates

7.8.6 SK Materials Competitive Strengths & Weaknesses

7.9 Huate Gas

7.9.1 Huate Gas Details

7.9.2 Huate Gas Major Business

7.9.3 Huate Gas High Purity Fluorocarbon Gas Product and Services

7.9.4 Huate Gas High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Huate Gas Recent Developments/Updates

7.9.6 Huate Gas Competitive Strengths & Weaknesses

7.10 Kemeite (Yoke Technology)

7.10.1 Kemeite (Yoke Technology) Details

7.10.2 Kemeite (Yoke Technology) Major Business

7.10.3 Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Product and Services

7.10.4 Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Kemeite (Yoke Technology) Recent Developments/Updates

7.10.6 Kemeite (Yoke Technology) Competitive Strengths & Weaknesses

7.11 Haohua

7.11.1 Haohua Details

7.11.2 Haohua Major Business

7.11.3 Haohua High Purity Fluorocarbon Gas Product and Services

7.11.4 Haohua High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Haohua Recent Developments/Updates

7.11.6 Haohua Competitive Strengths & Weaknesses

7.12 Jinhong Gas

7.12.1 Jinhong Gas Details

7.12.2 Jinhong Gas Major Business

7.12.3 Jinhong Gas High Purity Fluorocarbon Gas Product and Services

7.12.4 Jinhong Gas High Purity Fluorocarbon Gas Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.12.5 Jinhong Gas Recent Developments/Updates
- 7.12.6 Jinhong Gas Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 High Purity Fluorocarbon Gas Industry Chain
- 8.2 High Purity Fluorocarbon Gas Upstream Analysis
 - 8.2.1 High Purity Fluorocarbon Gas Core Raw Materials
 - 8.2.2 Main Manufacturers of High Purity Fluorocarbon Gas Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 High Purity Fluorocarbon Gas Production Mode
- 8.6 High Purity Fluorocarbon Gas Procurement Model
- 8.7 High Purity Fluorocarbon Gas Industry Sales Model and Sales Channels
 - 8.7.1 High Purity Fluorocarbon Gas Sales Model
 - 8.7.2 High Purity Fluorocarbon Gas Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World High Purity Fluorocarbon Gas Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World High Purity Fluorocarbon Gas Production Value by Region (2018-2023) & (USD Million)

Table 3. World High Purity Fluorocarbon Gas Production Value by Region (2024-2029) & (USD Million)

Table 4. World High Purity Fluorocarbon Gas Production Value Market Share by Region (2018-2023)

Table 5. World High Purity Fluorocarbon Gas Production Value Market Share by Region (2024-2029)

Table 6. World High Purity Fluorocarbon Gas Production by Region (2018-2023) & (Tons)

Table 7. World High Purity Fluorocarbon Gas Production by Region (2024-2029) & (Tons)

Table 8. World High Purity Fluorocarbon Gas Production Market Share by Region (2018-2023)

Table 9. World High Purity Fluorocarbon Gas Production Market Share by Region (2024-2029)

Table 10. World High Purity Fluorocarbon Gas Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World High Purity Fluorocarbon Gas Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. High Purity Fluorocarbon Gas Major Market Trends

Table 13. World High Purity Fluorocarbon Gas Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World High Purity Fluorocarbon Gas Consumption by Region (2018-2023) & (Tons)

Table 15. World High Purity Fluorocarbon Gas Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World High Purity Fluorocarbon Gas Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key High Purity Fluorocarbon Gas Producers in 2022

Table 18. World High Purity Fluorocarbon Gas Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key High Purity Fluorocarbon Gas Producers in 2022

Table 20. World High Purity Fluorocarbon Gas Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global High Purity Fluorocarbon Gas Company Evaluation Quadrant

Table 22. World High Purity Fluorocarbon Gas Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and High Purity Fluorocarbon Gas Production Site of Key Manufacturer

Table 24. High Purity Fluorocarbon Gas Market: Company Product Type Footprint

Table 25. High Purity Fluorocarbon Gas Market: Company Product Application Footprint

Table 26. High Purity Fluorocarbon Gas Competitive Factors

Table 27. High Purity Fluorocarbon Gas New Entrant and Capacity Expansion Plans

Table 28. High Purity Fluorocarbon Gas Mergers & Acquisitions Activity

Table 29. United States VS China High Purity Fluorocarbon Gas Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China High Purity Fluorocarbon Gas Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China High Purity Fluorocarbon Gas Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based High Purity Fluorocarbon Gas Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High Purity Fluorocarbon Gas Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers High Purity Fluorocarbon Gas Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers High Purity Fluorocarbon Gas Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers High Purity Fluorocarbon Gas Production Market Share (2018-2023)

Table 37. China Based High Purity Fluorocarbon Gas Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High Purity Fluorocarbon Gas Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers High Purity Fluorocarbon Gas Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers High Purity Fluorocarbon Gas Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers High Purity Fluorocarbon Gas Production Market

Share (2018-2023)

Table 42. Rest of World Based High Purity Fluorocarbon Gas Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production Market Share (2018-2023)

Table 47. World High Purity Fluorocarbon Gas Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World High Purity Fluorocarbon Gas Production by Type (2018-2023) & (Tons)

Table 49. World High Purity Fluorocarbon Gas Production by Type (2024-2029) & (Tons)

Table 50. World High Purity Fluorocarbon Gas Production Value by Type (2018-2023) & (USD Million)

Table 51. World High Purity Fluorocarbon Gas Production Value by Type (2024-2029) & (USD Million)

Table 52. World High Purity Fluorocarbon Gas Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World High Purity Fluorocarbon Gas Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World High Purity Fluorocarbon Gas Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World High Purity Fluorocarbon Gas Production by Application (2018-2023) & (Tons)

Table 56. World High Purity Fluorocarbon Gas Production by Application (2024-2029) & (Tons)

Table 57. World High Purity Fluorocarbon Gas Production Value by Application (2018-2023) & (USD Million)

Table 58. World High Purity Fluorocarbon Gas Production Value by Application (2024-2029) & (USD Million)

Table 59. World High Purity Fluorocarbon Gas Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World High Purity Fluorocarbon Gas Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Linde Gas Basic Information, Manufacturing Base and Competitors
Table 62. Linde Gas Major Business
Table 63. Linde Gas High Purity Fluorocarbon Gas Product and Services
Table 64. Linde Gas High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 65. Linde Gas Recent Developments/Updates
Table 66. Linde Gas Competitive Strengths & Weaknesses
Table 67. Showa Denko Basic Information, Manufacturing Base and Competitors
Table 68. Showa Denko Major Business
Table 69. Showa Denko High Purity Fluorocarbon Gas Product and Services
Table 70. Showa Denko High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 71. Showa Denko Recent Developments/Updates
Table 72. Showa Denko Competitive Strengths & Weaknesses
Table 73. Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors
Table 74. Taiyo Nippon Sanso Major Business
Table 75. Taiyo Nippon Sanso High Purity Fluorocarbon Gas Product and Services
Table 76. Taiyo Nippon Sanso High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 77. Taiyo Nippon Sanso Recent Developments/Updates
Table 78. Taiyo Nippon Sanso Competitive Strengths & Weaknesses
Table 79. Air Liquide Basic Information, Manufacturing Base and Competitors
Table 80. Air Liquide Major Business
Table 81. Air Liquide High Purity Fluorocarbon Gas Product and Services
Table 82. Air Liquide High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 83. Air Liquide Recent Developments/Updates
Table 84. Air Liquide Competitive Strengths & Weaknesses
Table 85. Kanto Denka Kogyo Basic Information, Manufacturing Base and Competitors
Table 86. Kanto Denka Kogyo Major Business
Table 87. Kanto Denka Kogyo High Purity Fluorocarbon Gas Product and Services
Table 88. Kanto Denka Kogyo High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 89. Kanto Denka Kogyo Recent Developments/Updates
Table 90. Kanto Denka Kogyo Competitive Strengths & Weaknesses
Table 91. Versum Materials (Merck) Basic Information, Manufacturing Base and

Competitors

Table 92. Versum Materials (Merck) Major Business

Table 93. Versum Materials (Merck) High Purity Fluorocarbon Gas Product and Services

Table 94. Versum Materials (Merck) High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Versum Materials (Merck) Recent Developments/Updates

Table 96. Versum Materials (Merck) Competitive Strengths & Weaknesses

Table 97. Foosung Basic Information, Manufacturing Base and Competitors

Table 98. Foosung Major Business

Table 99. Foosung High Purity Fluorocarbon Gas Product and Services

Table 100. Foosung High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Foosung Recent Developments/Updates

Table 102. Foosung Competitive Strengths & Weaknesses

Table 103. SK Materials Basic Information, Manufacturing Base and Competitors

Table 104. SK Materials Major Business

Table 105. SK Materials High Purity Fluorocarbon Gas Product and Services

Table 106. SK Materials High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. SK Materials Recent Developments/Updates

Table 108. SK Materials Competitive Strengths & Weaknesses

Table 109. Huate Gas Basic Information, Manufacturing Base and Competitors

Table 110. Huate Gas Major Business

Table 111. Huate Gas High Purity Fluorocarbon Gas Product and Services

Table 112. Huate Gas High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Huate Gas Recent Developments/Updates

Table 114. Huate Gas Competitive Strengths & Weaknesses

Table 115. Kemeite (Yoke Technology) Basic Information, Manufacturing Base and Competitors

Table 116. Kemeite (Yoke Technology) Major Business

Table 117. Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Product and Services

Table 118. Kemeite (Yoke Technology) High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market

Share (2018-2023)

Table 119. Kemeite (Yoke Technology) Recent Developments/Updates

Table 120. Kemeite (Yoke Technology) Competitive Strengths & Weaknesses

Table 121. Haohua Basic Information, Manufacturing Base and Competitors

Table 122. Haohua Major Business

Table 123. Haohua High Purity Fluorocarbon Gas Product and Services

Table 124. Haohua High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Haohua Recent Developments/Updates

Table 126. Jinhong Gas Basic Information, Manufacturing Base and Competitors

Table 127. Jinhong Gas Major Business

Table 128. Jinhong Gas High Purity Fluorocarbon Gas Product and Services

Table 129. Jinhong Gas High Purity Fluorocarbon Gas Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 130. Global Key Players of High Purity Fluorocarbon Gas Upstream (Raw Materials)

Table 131. High Purity Fluorocarbon Gas Typical Customers

Table 132. High Purity Fluorocarbon Gas Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. High Purity Fluorocarbon Gas Picture

Figure 2. World High Purity Fluorocarbon Gas Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World High Purity Fluorocarbon Gas Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World High Purity Fluorocarbon Gas Production (2018-2029) & (Tons)

Figure 5. World High Purity Fluorocarbon Gas Average Price (2018-2029) & (US\$/Ton)

Figure 6. World High Purity Fluorocarbon Gas Production Value Market Share by Region (2018-2029)

Figure 7. World High Purity Fluorocarbon Gas Production Market Share by Region (2018-2029)

Figure 8. North America High Purity Fluorocarbon Gas Production (2018-2029) & (Tons)

Figure 9. Europe High Purity Fluorocarbon Gas Production (2018-2029) & (Tons)

Figure 10. China High Purity Fluorocarbon Gas Production (2018-2029) & (Tons)

Figure 11. Japan High Purity Fluorocarbon Gas Production (2018-2029) & (Tons)

Figure 12. High Purity Fluorocarbon Gas Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 15. World High Purity Fluorocarbon Gas Consumption Market Share by Region (2018-2029)

Figure 16. United States High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 17. China High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 18. Europe High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 19. Japan High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 20. South Korea High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 21. ASEAN High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 22. India High Purity Fluorocarbon Gas Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of High Purity Fluorocarbon Gas by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for High Purity Fluorocarbon Gas Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for High Purity Fluorocarbon Gas Markets in 2022

Figure 26. United States VS China: High Purity Fluorocarbon Gas Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: High Purity Fluorocarbon Gas Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: High Purity Fluorocarbon Gas Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers High Purity Fluorocarbon Gas Production Market Share 2022

Figure 30. China Based Manufacturers High Purity Fluorocarbon Gas Production Market Share 2022

Figure 31. Rest of World Based Manufacturers High Purity Fluorocarbon Gas Production Market Share 2022

Figure 32. World High Purity Fluorocarbon Gas Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World High Purity Fluorocarbon Gas Production Value Market Share by Type in 2022

Figure 34. Tetrafluoromethane (CF₄)

Figure 35. Hexafluoroethane (C₂F₆)

Figure 36. Octafluoropropane (C₃F₈)

Figure 37. Hexafluorobutadiene (C₄F₆)

Figure 38. Octafluorocyclobutane (C₄F₈)

Figure 39. Tetrafluoromethane (CHF₃)

Figure 40. Others

Figure 41. World High Purity Fluorocarbon Gas Production Market Share by Type (2018-2029)

Figure 42. World High Purity Fluorocarbon Gas Production Value Market Share by Type (2018-2029)

Figure 43. World High Purity Fluorocarbon Gas Average Price by Type (2018-2029) & (US\$/Ton)

Figure 44. World High Purity Fluorocarbon Gas Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 45. World High Purity Fluorocarbon Gas Production Value Market Share by Application in 2022

Figure 46. Integrated Circuits

Figure 47. Display Panels

Figure 48. Solar

Figure 49. LED & Others

Figure 50. World High Purity Fluorocarbon Gas Production Market Share by Application (2018-2029)

Figure 51. World High Purity Fluorocarbon Gas Production Value Market Share by Application (2018-2029)

Figure 52. World High Purity Fluorocarbon Gas Average Price by Application (2018-2029) & (US\$/Ton)

Figure 53. High Purity Fluorocarbon Gas Industry Chain

Figure 54. High Purity Fluorocarbon Gas Procurement Model

Figure 55. High Purity Fluorocarbon Gas Sales Model

Figure 56. High Purity Fluorocarbon Gas Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source

I would like to order

Product name: Global High Purity Fluorocarbon Gas Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GF61B83B3CDEEN.html>

Price: US\$ 4,480.00 (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/GF61B83B3CDEEN.html>