

Global Perfluorocarbons Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/PAA03C24983DEN.html>

Date: July 2025

Pages: 93

Price: US\$ 3,480.00 (Single User License)

ID: PAA03C24983DEN

Abstracts

According to our (Global Info Research) latest study, the global Perfluorocarbons market size was valued at US\$ 902 million in 2024 and is forecast to a readjusted size of USD 1338 million by 2031 with a CAGR of 5.9% during review period.

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 Compounds with the prefix perfluoro- are hydrocarbons, including those with heteroatoms, wherein all C-H bonds have been replaced by C-F bonds.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). A range of gases are used in two important steps of electronics manufacturing:

Plasma etching silicon containing materials and

Cleaning chemical vapour deposition (CVD) tool chamber-walls where silicon has deposited.

The use of fluorocarbon gases in these processes is crucial to the production of devices, as there are no effective substitutes that can be utilized.

Note: In this report, the production=consumption, didn't consider the volume in stock.

The Perfluorocarbons market is global, with key demand centers in China, Europe,

Japan, South Korea, Southeast Asia, China Taiwan and the United States.

Currently, the Perfluorocarbons market is highly concentrated, dominated by several manufacturers, players such as Showa Denko, Kanto Denka Kogyo, Linde Gas, Air Liquide, Versum Materials (Merck), Taiyo Nippon Sanso are playing important roles in Fluorocarbon Gas industry. Top 5 took up more than 70% of the global market in terms of revenue.

The market can be segmented into: Tetrafluoromethane (CF₄), Hexafluoroethane (C₂F₆), Octafluoropropane (C₃F₈), Hexafluorobutadiene (C₄F₆), Octafluorocyclobutane (C₄F₈), Tetrafluoromethane (CHF₃) and Others. Tetrafluoromethane (CF₄), is the most commonly used and efficient types.

Perfluorocarbons are widely used in the production of semiconductors and electronic components, and the market is growing as demand for electronic products increases.

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

Key Features:

Global Perfluorocarbons market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Perfluorocarbons market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Perfluorocarbons market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Perfluorocarbons market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

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

To assess the growth potential for Perfluorocarbons

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

To forecast future factors affecting the marketplace

This report profiles key players in the global Perfluorocarbons market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Huate Gas, Yoke Technology, Jinhong Gas, Britech, Peric, Haohua Chemical Science & Technology, Yongjing Technology, Sichuan Fuhuaxin, Feiyuan Chemical, Linggas, etc.

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

Market Segmentation

Perfluorocarbons market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Carbon Tetrafluoride (CF₄)

Hexafluoro-Ethane(C₂F₆)

Octafluoro-Propane (C₃F₈)

Octafluoro-Cyclobutane(C₄F₈)

Hexafluoro-Butadiene(C₄F₆)

Market segment by Application

Gas for Electronic Etching

Cleaning of Semiconductor Manufacturing Equipment

Optical Fiber Production

Medical Enhanced Ultrasonography

Subzero Refrigeration

Others

Major players covered

Huate Gas

Yoke Technology

Jinhong Gas

Britech

Peric

Haohua Chemical Science & Technology

Yongjing Technology

Sichuan Fuhuaxin

Feiyuan Chemical

Linggas

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

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

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

Chapter 1, to describe Perfluorocarbons product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Perfluorocarbons, with price, sales quantity, revenue, and global market share of Perfluorocarbons from 2020 to 2025.

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

Chapter 4, the Perfluorocarbons breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Perfluorocarbons market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Perfluorocarbons.

Chapter 14 and 15, to describe Perfluorocarbons sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Perfluorocarbons Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Carbon Tetrafluoride (CF₄)

1.3.3 Hexafluoro-Ethane(C₂F₆)

1.3.4 Octafluoro-Propane (C₃F₈)

1.3.5 Octafluoro-Cyclobutane(C₄F₈)

1.3.6 Hexafluoro-Butadiene(C₄F₆)

1.4 Market Analysis by Application

1.4.1 Overview: Global Perfluorocarbons Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Gas for Electronic Etching

1.4.3 Cleaning of Semiconductor Manufacturing Equipment

1.4.4 Optical Fiber Production

1.4.5 Medical Enhanced Ultrasonography

1.4.6 Subzero Refrigeration

1.4.7 Others

1.5 Global Perfluorocarbons Market Size & Forecast

1.5.1 Global Perfluorocarbons Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Perfluorocarbons Sales Quantity (2020-2031)

1.5.3 Global Perfluorocarbons Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Huate Gas

2.1.1 Huate Gas Details

2.1.2 Huate Gas Major Business

2.1.3 Huate Gas Perfluorocarbons Product and Services

2.1.4 Huate Gas Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Huate Gas Recent Developments/Updates

2.2 Yoke Technology

2.2.1 Yoke Technology Details

- 2.2.2 Yoke Technology Major Business
- 2.2.3 Yoke Technology Perfluorocarbons Product and Services
- 2.2.4 Yoke Technology Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.2.5 Yoke Technology Recent Developments/Updates
- 2.3 Jinhong Gas
 - 2.3.1 Jinhong Gas Details
 - 2.3.2 Jinhong Gas Major Business
 - 2.3.3 Jinhong Gas Perfluorocarbons Product and Services
 - 2.3.4 Jinhong Gas Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Jinhong Gas Recent Developments/Updates
- 2.4 Britech
 - 2.4.1 Britech Details
 - 2.4.2 Britech Major Business
 - 2.4.3 Britech Perfluorocarbons Product and Services
 - 2.4.4 Britech Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Britech Recent Developments/Updates
- 2.5 Peric
 - 2.5.1 Peric Details
 - 2.5.2 Peric Major Business
 - 2.5.3 Peric Perfluorocarbons Product and Services
 - 2.5.4 Peric Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Peric Recent Developments/Updates
- 2.6 Haohua Chemical Science & Technology
 - 2.6.1 Haohua Chemical Science & Technology Details
 - 2.6.2 Haohua Chemical Science & Technology Major Business
 - 2.6.3 Haohua Chemical Science & Technology Perfluorocarbons Product and Services
 - 2.6.4 Haohua Chemical Science & Technology Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Haohua Chemical Science & Technology Recent Developments/Updates
- 2.7 Yongjing Technology
 - 2.7.1 Yongjing Technology Details
 - 2.7.2 Yongjing Technology Major Business
 - 2.7.3 Yongjing Technology Perfluorocarbons Product and Services
 - 2.7.4 Yongjing Technology Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.7.5 Yongjing Technology Recent Developments/Updates
- 2.8 Sichuan Fuhuaxin
 - 2.8.1 Sichuan Fuhuaxin Details
 - 2.8.2 Sichuan Fuhuaxin Major Business
 - 2.8.3 Sichuan Fuhuaxin Perfluorocarbons Product and Services
 - 2.8.4 Sichuan Fuhuaxin Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.8.5 Sichuan Fuhuaxin Recent Developments/Updates
- 2.9 Feiyuan Chemical
 - 2.9.1 Feiyuan Chemical Details
 - 2.9.2 Feiyuan Chemical Major Business
 - 2.9.3 Feiyuan Chemical Perfluorocarbons Product and Services
 - 2.9.4 Feiyuan Chemical Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Feiyuan Chemical Recent Developments/Updates
- 2.10 Linggas
 - 2.10.1 Linggas Details
 - 2.10.2 Linggas Major Business
 - 2.10.3 Linggas Perfluorocarbons Product and Services
 - 2.10.4 Linggas Perfluorocarbons Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Linggas Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PERFLUOROCARBONS BY MANUFACTURER

- 3.1 Global Perfluorocarbons Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Perfluorocarbons Revenue by Manufacturer (2020-2025)
- 3.3 Global Perfluorocarbons Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Perfluorocarbons by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Perfluorocarbons Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Perfluorocarbons Manufacturer Market Share in 2024
- 3.5 Perfluorocarbons Market: Overall Company Footprint Analysis
 - 3.5.1 Perfluorocarbons Market: Region Footprint
 - 3.5.2 Perfluorocarbons Market: Company Product Type Footprint
 - 3.5.3 Perfluorocarbons Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Perfluorocarbons Market Size by Region

- 4.1.1 Global Perfluorocarbons Sales Quantity by Region (2020-2031)
- 4.1.2 Global Perfluorocarbons Consumption Value by Region (2020-2031)
- 4.1.3 Global Perfluorocarbons Average Price by Region (2020-2031)

4.2 North America Perfluorocarbons Consumption Value (2020-2031)

4.3 Europe Perfluorocarbons Consumption Value (2020-2031)

4.4 Asia-Pacific Perfluorocarbons Consumption Value (2020-2031)

4.5 South America Perfluorocarbons Consumption Value (2020-2031)

4.6 Middle East & Africa Perfluorocarbons Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Perfluorocarbons Sales Quantity by Type (2020-2031)

5.2 Global Perfluorocarbons Consumption Value by Type (2020-2031)

5.3 Global Perfluorocarbons Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Perfluorocarbons Sales Quantity by Application (2020-2031)

6.2 Global Perfluorocarbons Consumption Value by Application (2020-2031)

6.3 Global Perfluorocarbons Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Perfluorocarbons Sales Quantity by Type (2020-2031)

7.2 North America Perfluorocarbons Sales Quantity by Application (2020-2031)

7.3 North America Perfluorocarbons Market Size by Country

7.3.1 North America Perfluorocarbons Sales Quantity by Country (2020-2031)

7.3.2 North America Perfluorocarbons Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Perfluorocarbons Sales Quantity by Type (2020-2031)

8.2 Europe Perfluorocarbons Sales Quantity by Application (2020-2031)

8.3 Europe Perfluorocarbons Market Size by Country

8.3.1 Europe Perfluorocarbons Sales Quantity by Country (2020-2031)

8.3.2 Europe Perfluorocarbons Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Perfluorocarbons Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Perfluorocarbons Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Perfluorocarbons Market Size by Region

9.3.1 Asia-Pacific Perfluorocarbons Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Perfluorocarbons Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Perfluorocarbons Sales Quantity by Type (2020-2031)

10.2 South America Perfluorocarbons Sales Quantity by Application (2020-2031)

10.3 South America Perfluorocarbons Market Size by Country

10.3.1 South America Perfluorocarbons Sales Quantity by Country (2020-2031)

10.3.2 South America Perfluorocarbons Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Perfluorocarbons Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Perfluorocarbons Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Perfluorocarbons Market Size by Country

- 11.3.1 Middle East & Africa Perfluorocarbons Sales Quantity by Country (2020-2031)
- 11.3.2 Middle East & Africa Perfluorocarbons Consumption Value by Country (2020-2031)
- 11.3.3 Turkey Market Size and Forecast (2020-2031)
- 11.3.4 Egypt Market Size and Forecast (2020-2031)
- 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
- 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Perfluorocarbons Market Drivers
- 12.2 Perfluorocarbons Market Restraints
- 12.3 Perfluorocarbons Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Perfluorocarbons and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Perfluorocarbons
- 13.3 Perfluorocarbons Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Perfluorocarbons Typical Distributors
- 14.3 Perfluorocarbons Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Perfluorocarbons Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Perfluorocarbons Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Huate Gas Basic Information, Manufacturing Base and Competitors

Table 4. Huate Gas Major Business

Table 5. Huate Gas Perfluorocarbons Product and Services

Table 6. Huate Gas Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Huate Gas Recent Developments/Updates

Table 8. Yoke Technology Basic Information, Manufacturing Base and Competitors

Table 9. Yoke Technology Major Business

Table 10. Yoke Technology Perfluorocarbons Product and Services

Table 11. Yoke Technology Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Yoke Technology Recent Developments/Updates

Table 13. Jinhong Gas Basic Information, Manufacturing Base and Competitors

Table 14. Jinhong Gas Major Business

Table 15. Jinhong Gas Perfluorocarbons Product and Services

Table 16. Jinhong Gas Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Jinhong Gas Recent Developments/Updates

Table 18. Britech Basic Information, Manufacturing Base and Competitors

Table 19. Britech Major Business

Table 20. Britech Perfluorocarbons Product and Services

Table 21. Britech Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Britech Recent Developments/Updates

Table 23. Peric Basic Information, Manufacturing Base and Competitors

Table 24. Peric Major Business

Table 25. Peric Perfluorocarbons Product and Services

Table 26. Peric Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Peric Recent Developments/Updates

Table 28. Haohua Chemical Science & Technology Basic Information, Manufacturing

Base and Competitors

Table 29. Haohua Chemical Science & Technology Major Business

Table 30. Haohua Chemical Science & Technology Perfluorocarbons Product and Services

Table 31. Haohua Chemical Science & Technology Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Haohua Chemical Science & Technology Recent Developments/Updates

Table 33. Yongjing Technology Basic Information, Manufacturing Base and Competitors

Table 34. Yongjing Technology Major Business

Table 35. Yongjing Technology Perfluorocarbons Product and Services

Table 36. Yongjing Technology Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Yongjing Technology Recent Developments/Updates

Table 38. Sichuan Fuhuaxin Basic Information, Manufacturing Base and Competitors

Table 39. Sichuan Fuhuaxin Major Business

Table 40. Sichuan Fuhuaxin Perfluorocarbons Product and Services

Table 41. Sichuan Fuhuaxin Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Sichuan Fuhuaxin Recent Developments/Updates

Table 43. Feiyuan Chemical Basic Information, Manufacturing Base and Competitors

Table 44. Feiyuan Chemical Major Business

Table 45. Feiyuan Chemical Perfluorocarbons Product and Services

Table 46. Feiyuan Chemical Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Feiyuan Chemical Recent Developments/Updates

Table 48. Linggas Basic Information, Manufacturing Base and Competitors

Table 49. Linggas Major Business

Table 50. Linggas Perfluorocarbons Product and Services

Table 51. Linggas Perfluorocarbons Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Linggas Recent Developments/Updates

Table 53. Global Perfluorocarbons Sales Quantity by Manufacturer (2020-2025) & (Tons)

Table 54. Global Perfluorocarbons Revenue by Manufacturer (2020-2025) & (USD Million)

Table 55. Global Perfluorocarbons Average Price by Manufacturer (2020-2025) & (US\$/Ton)

Table 56. Market Position of Manufacturers in Perfluorocarbons, (Tier 1, Tier 2, and Tier

3), Based on Revenue in 2024

Table 57. Head Office and Perfluorocarbons Production Site of Key Manufacturer

Table 58. Perfluorocarbons Market: Company Product Type Footprint

Table 59. Perfluorocarbons Market: Company Product Application Footprint

Table 60. Perfluorocarbons New Market Entrants and Barriers to Market Entry

Table 61. Perfluorocarbons Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global Perfluorocarbons Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 63. Global Perfluorocarbons Sales Quantity by Region (2020-2025) & (Tons)

Table 64. Global Perfluorocarbons Sales Quantity by Region (2026-2031) & (Tons)

Table 65. Global Perfluorocarbons Consumption Value by Region (2020-2025) & (USD Million)

Table 66. Global Perfluorocarbons Consumption Value by Region (2026-2031) & (USD Million)

Table 67. Global Perfluorocarbons Average Price by Region (2020-2025) & (US\$/Ton)

Table 68. Global Perfluorocarbons Average Price by Region (2026-2031) & (US\$/Ton)

Table 69. Global Perfluorocarbons Sales Quantity by Type (2020-2025) & (Tons)

Table 70. Global Perfluorocarbons Sales Quantity by Type (2026-2031) & (Tons)

Table 71. Global Perfluorocarbons Consumption Value by Type (2020-2025) & (USD Million)

Table 72. Global Perfluorocarbons Consumption Value by Type (2026-2031) & (USD Million)

Table 73. Global Perfluorocarbons Average Price by Type (2020-2025) & (US\$/Ton)

Table 74. Global Perfluorocarbons Average Price by Type (2026-2031) & (US\$/Ton)

Table 75. Global Perfluorocarbons Sales Quantity by Application (2020-2025) & (Tons)

Table 76. Global Perfluorocarbons Sales Quantity by Application (2026-2031) & (Tons)

Table 77. Global Perfluorocarbons Consumption Value by Application (2020-2025) & (USD Million)

Table 78. Global Perfluorocarbons Consumption Value by Application (2026-2031) & (USD Million)

Table 79. Global Perfluorocarbons Average Price by Application (2020-2025) & (US\$/Ton)

Table 80. Global Perfluorocarbons Average Price by Application (2026-2031) & (US\$/Ton)

Table 81. North America Perfluorocarbons Sales Quantity by Type (2020-2025) & (Tons)

Table 82. North America Perfluorocarbons Sales Quantity by Type (2026-2031) & (Tons)

Table 83. North America Perfluorocarbons Sales Quantity by Application (2020-2025) &

(Tons)

Table 84. North America Perfluorocarbons Sales Quantity by Application (2026-2031) & (Tons)

Table 85. North America Perfluorocarbons Sales Quantity by Country (2020-2025) & (Tons)

Table 86. North America Perfluorocarbons Sales Quantity by Country (2026-2031) & (Tons)

Table 87. North America Perfluorocarbons Consumption Value by Country (2020-2025) & (USD Million)

Table 88. North America Perfluorocarbons Consumption Value by Country (2026-2031) & (USD Million)

Table 89. Europe Perfluorocarbons Sales Quantity by Type (2020-2025) & (Tons)

Table 90. Europe Perfluorocarbons Sales Quantity by Type (2026-2031) & (Tons)

Table 91. Europe Perfluorocarbons Sales Quantity by Application (2020-2025) & (Tons)

Table 92. Europe Perfluorocarbons Sales Quantity by Application (2026-2031) & (Tons)

Table 93. Europe Perfluorocarbons Sales Quantity by Country (2020-2025) & (Tons)

Table 94. Europe Perfluorocarbons Sales Quantity by Country (2026-2031) & (Tons)

Table 95. Europe Perfluorocarbons Consumption Value by Country (2020-2025) & (USD Million)

Table 96. Europe Perfluorocarbons Consumption Value by Country (2026-2031) & (USD Million)

Table 97. Asia-Pacific Perfluorocarbons Sales Quantity by Type (2020-2025) & (Tons)

Table 98. Asia-Pacific Perfluorocarbons Sales Quantity by Type (2026-2031) & (Tons)

Table 99. Asia-Pacific Perfluorocarbons Sales Quantity by Application (2020-2025) & (Tons)

Table 100. Asia-Pacific Perfluorocarbons Sales Quantity by Application (2026-2031) & (Tons)

Table 101. Asia-Pacific Perfluorocarbons Sales Quantity by Region (2020-2025) & (Tons)

Table 102. Asia-Pacific Perfluorocarbons Sales Quantity by Region (2026-2031) & (Tons)

Table 103. Asia-Pacific Perfluorocarbons Consumption Value by Region (2020-2025) & (USD Million)

Table 104. Asia-Pacific Perfluorocarbons Consumption Value by Region (2026-2031) & (USD Million)

Table 105. South America Perfluorocarbons Sales Quantity by Type (2020-2025) & (Tons)

Table 106. South America Perfluorocarbons Sales Quantity by Type (2026-2031) & (Tons)

Table 107. South America Perfluorocarbons Sales Quantity by Application (2020-2025) & (Tons)

Table 108. South America Perfluorocarbons Sales Quantity by Application (2026-2031) & (Tons)

Table 109. South America Perfluorocarbons Sales Quantity by Country (2020-2025) & (Tons)

Table 110. South America Perfluorocarbons Sales Quantity by Country (2026-2031) & (Tons)

Table 111. South America Perfluorocarbons Consumption Value by Country (2020-2025) & (USD Million)

Table 112. South America Perfluorocarbons Consumption Value by Country (2026-2031) & (USD Million)

Table 113. Middle East & Africa Perfluorocarbons Sales Quantity by Type (2020-2025) & (Tons)

Table 114. Middle East & Africa Perfluorocarbons Sales Quantity by Type (2026-2031) & (Tons)

Table 115. Middle East & Africa Perfluorocarbons Sales Quantity by Application (2020-2025) & (Tons)

Table 116. Middle East & Africa Perfluorocarbons Sales Quantity by Application (2026-2031) & (Tons)

Table 117. Middle East & Africa Perfluorocarbons Sales Quantity by Country (2020-2025) & (Tons)

Table 118. Middle East & Africa Perfluorocarbons Sales Quantity by Country (2026-2031) & (Tons)

Table 119. Middle East & Africa Perfluorocarbons Consumption Value by Country (2020-2025) & (USD Million)

Table 120. Middle East & Africa Perfluorocarbons Consumption Value by Country (2026-2031) & (USD Million)

Table 121. Perfluorocarbons Raw Material

Table 122. Key Manufacturers of Perfluorocarbons Raw Materials

Table 123. Perfluorocarbons Typical Distributors

Table 124. Perfluorocarbons Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Perfluorocarbons Picture

Figure 2. Global Perfluorocarbons Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Perfluorocarbons Revenue Market Share by Type in 2024

Figure 4. Carbon Tetrafluoride (CF₄) Examples

Figure 5. Hexafluoro-Ethane(C₂F₆) Examples

Figure 6. Octafluoro-Propane (C₃F₈) Examples

Figure 7. Octafluoro-Cyclobutane(C₄F₈) Examples

Figure 8. Hexafluoro-Butadiene(C₄F₆) Examples

Figure 9. Global Perfluorocarbons Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 10. Global Perfluorocarbons Revenue Market Share by Application in 2024

Figure 11. Gas for Electronic Etching Examples

Figure 12. Cleaning of Semiconductor Manufacturing Equipment Examples

Figure 13. Optical Fiber Production Examples

Figure 14. Medical Enhanced Ultrasonography Examples

Figure 15. Subzero Refrigeration Examples

Figure 16. Others Examples

Figure 17. Global Perfluorocarbons Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 18. Global Perfluorocarbons Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 19. Global Perfluorocarbons Sales Quantity (2020-2031) & (Tons)

Figure 20. Global Perfluorocarbons Price (2020-2031) & (US\$/Ton)

Figure 21. Global Perfluorocarbons Sales Quantity Market Share by Manufacturer in 2024

Figure 22. Global Perfluorocarbons Revenue Market Share by Manufacturer in 2024

Figure 23. Producer Shipments of Perfluorocarbons by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 24. Top 3 Perfluorocarbons Manufacturer (Revenue) Market Share in 2024

Figure 25. Top 6 Perfluorocarbons Manufacturer (Revenue) Market Share in 2024

Figure 26. Global Perfluorocarbons Sales Quantity Market Share by Region (2020-2031)

Figure 27. Global Perfluorocarbons Consumption Value Market Share by Region (2020-2031)

Figure 28. North America Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 29. Europe Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 30. Asia-Pacific Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 31. South America Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 32. Middle East & Africa Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 33. Global Perfluorocarbons Sales Quantity Market Share by Type (2020-2031)

Figure 34. Global Perfluorocarbons Consumption Value Market Share by Type (2020-2031)

Figure 35. Global Perfluorocarbons Average Price by Type (2020-2031) & (US\$/Ton)

Figure 36. Global Perfluorocarbons Sales Quantity Market Share by Application (2020-2031)

Figure 37. Global Perfluorocarbons Revenue Market Share by Application (2020-2031)

Figure 38. Global Perfluorocarbons Average Price by Application (2020-2031) & (US\$/Ton)

Figure 39. North America Perfluorocarbons Sales Quantity Market Share by Type (2020-2031)

Figure 40. North America Perfluorocarbons Sales Quantity Market Share by Application (2020-2031)

Figure 41. North America Perfluorocarbons Sales Quantity Market Share by Country (2020-2031)

Figure 42. North America Perfluorocarbons Consumption Value Market Share by Country (2020-2031)

Figure 43. United States Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 44. Canada Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 45. Mexico Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 46. Europe Perfluorocarbons Sales Quantity Market Share by Type (2020-2031)

Figure 47. Europe Perfluorocarbons Sales Quantity Market Share by Application (2020-2031)

Figure 48. Europe Perfluorocarbons Sales Quantity Market Share by Country (2020-2031)

Figure 49. Europe Perfluorocarbons Consumption Value Market Share by Country (2020-2031)

Figure 50. Germany Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 51. France Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 52. United Kingdom Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 53. Russia Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 54. Italy Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 55. Asia-Pacific Perfluorocarbons Sales Quantity Market Share by Type (2020-2031)

Figure 56. Asia-Pacific Perfluorocarbons Sales Quantity Market Share by Application (2020-2031)

Figure 57. Asia-Pacific Perfluorocarbons Sales Quantity Market Share by Region (2020-2031)

Figure 58. Asia-Pacific Perfluorocarbons Consumption Value Market Share by Region (2020-2031)

Figure 59. China Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 60. Japan Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 61. South Korea Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 62. India Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 63. Southeast Asia Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 64. Australia Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 65. South America Perfluorocarbons Sales Quantity Market Share by Type (2020-2031)

Figure 66. South America Perfluorocarbons Sales Quantity Market Share by Application (2020-2031)

Figure 67. South America Perfluorocarbons Sales Quantity Market Share by Country (2020-2031)

Figure 68. South America Perfluorocarbons Consumption Value Market Share by Country (2020-2031)

Figure 69. Brazil Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 70. Argentina Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 71. Middle East & Africa Perfluorocarbons Sales Quantity Market Share by Type (2020-2031)

Figure 72. Middle East & Africa Perfluorocarbons Sales Quantity Market Share by Application (2020-2031)

Figure 73. Middle East & Africa Perfluorocarbons Sales Quantity Market Share by Country (2020-2031)

Figure 74. Middle East & Africa Perfluorocarbons Consumption Value Market Share by Country (2020-2031)

Figure 75. Turkey Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 76. Egypt Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 77. Saudi Arabia Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 78. South Africa Perfluorocarbons Consumption Value (2020-2031) & (USD Million)

Figure 79. Perfluorocarbons Market Drivers

Figure 80. Perfluorocarbons Market Restraints

Figure 81. Perfluorocarbons Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Perfluorocarbons in 2024

Figure 84. Manufacturing Process Analysis of Perfluorocarbons

Figure 85. Perfluorocarbons Industrial Chain

Figure 86. Sales Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Perfluorocarbons Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/PAA03C24983DEN.html>

Price: US\$ 3,480.00 (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/PAA03C24983DEN.html>