

Global Environmentally Friendly Insulating Gas Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G026B3865E6BEN.html>

Date: August 2025

Pages: 89

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

ID: G026B3865E6BEN

Abstracts

According to our (Global Info Research) latest study, the global Environmentally Friendly Insulating Gas market size was valued at US\$ 6748 million in 2024 and is forecast to a readjusted size of USD 10010 million by 2031 with a CAGR of 5.9% during review period.

Currently the most commonly used insulating gas is SF₆, but due to its severe greenhouse effect, its use has been limited, and it is necessary to find its alternative gas. An important direction to find alternative gases is hydrocarbon gases and their derivative gases produced by substitution of other groups.

Environmentally Friendly Insulating Gas appeared highly promising and driven by the increasing global focus on sustainable and eco-friendly solutions. Environmentally friendly insulating gases, such as natural gases, low global warming potential (GWP) gases, and alternatives to traditional sulfur hexafluoride (SF₆), have gained significant attention in industries like power transmission and distribution. The aim is to replace high-GWP greenhouse gases commonly used as insulating agents in electrical equipment with options that have lower environmental impacts. Stringent regulations and policies aimed at reducing greenhouse gas emissions and promoting environmentally responsible practices have led to a growing demand for these alternative insulating gases. Furthermore, advancements in research and technology are expected to improve the performance and reliability of environmentally friendly insulating gases, making them more attractive alternatives to conventional options. However, challenges like the need for standardization, cost competitiveness, and transitioning existing infrastructure may influence the pace of adoption.

This report is a detailed and comprehensive analysis for global Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

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

Global Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global Environmentally Friendly Insulating Gas 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 Air Products, Huate Gas,

Electronic Fluorocarbons, ARCAD Ophtha, Praxair, Linde, 3M, Beijing Yuji Science & Technology, Sanming Hexafluo Chemicals, GE, etc.

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

Market Segmentation

Environmentally Friendly Insulating Gas 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

Hexafluoroethane

Perfluoropropane

Perfluoroisobutyronitrile

Other

Market segment by Application

Industry

Electronic

Other

Major players covered

Air Products

Huate Gas

Electronic Fluorocarbons

ARCAD Ophtha

Praxair

Linde

3M

Beijing Yuji Science & Technology

Sanming Hexafluoro Chemicals

GE

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 Environmentally Friendly Insulating Gas product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas.

Chapter 14 and 15, to describe Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Hexafluoroethane

1.3.3 Perfluoropropane

1.3.4 Perfluoroisobutyronitrile

1.3.5 Other

1.4 Market Analysis by Application

1.4.1 Overview: Global Environmentally Friendly Insulating Gas Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Industry

1.4.3 Electronic

1.4.4 Other

1.5 Global Environmentally Friendly Insulating Gas Market Size & Forecast

1.5.1 Global Environmentally Friendly Insulating Gas Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Environmentally Friendly Insulating Gas Sales Quantity (2020-2031)

1.5.3 Global Environmentally Friendly Insulating Gas Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Air Products

2.1.1 Air Products Details

2.1.2 Air Products Major Business

2.1.3 Air Products Environmentally Friendly Insulating Gas Product and Services

2.1.4 Air Products Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Air Products Recent Developments/Updates

2.2 Huate Gas

2.2.1 Huate Gas Details

2.2.2 Huate Gas Major Business

2.2.3 Huate Gas Environmentally Friendly Insulating Gas Product and Services

2.2.4 Huate Gas Environmentally Friendly Insulating Gas Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Huate Gas Recent Developments/Updates

2.3 Electronic Fluorocarbons

2.3.1 Electronic Fluorocarbons Details

2.3.2 Electronic Fluorocarbons Major Business

2.3.3 Electronic Fluorocarbons Environmentally Friendly Insulating Gas Product and Services

2.3.4 Electronic Fluorocarbons Environmentally Friendly Insulating Gas Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Electronic Fluorocarbons Recent Developments/Updates

2.4 ARCAD Ophtha

2.4.1 ARCAD Ophtha Details

2.4.2 ARCAD Ophtha Major Business

2.4.3 ARCAD Ophtha Environmentally Friendly Insulating Gas Product and Services

2.4.4 ARCAD Ophtha Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 ARCAD Ophtha Recent Developments/Updates

2.5 Praxair

2.5.1 Praxair Details

2.5.2 Praxair Major Business

2.5.3 Praxair Environmentally Friendly Insulating Gas Product and Services

2.5.4 Praxair Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Praxair Recent Developments/Updates

2.6 Linde

2.6.1 Linde Details

2.6.2 Linde Major Business

2.6.3 Linde Environmentally Friendly Insulating Gas Product and Services

2.6.4 Linde Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Linde Recent Developments/Updates

2.7 3M

2.7.1 3M Details

2.7.2 3M Major Business

2.7.3 3M Environmentally Friendly Insulating Gas Product and Services

2.7.4 3M Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 3M Recent Developments/Updates

2.8 Beijing Yuji Science & Technology

- 2.8.1 Beijing Yuji Science & Technology Details
- 2.8.2 Beijing Yuji Science & Technology Major Business
- 2.8.3 Beijing Yuji Science & Technology Environmentally Friendly Insulating Gas Product and Services
- 2.8.4 Beijing Yuji Science & Technology Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Beijing Yuji Science & Technology Recent Developments/Updates
- 2.9 Sanming Hexafluo Chemicals
 - 2.9.1 Sanming Hexafluo Chemicals Details
 - 2.9.2 Sanming Hexafluo Chemicals Major Business
 - 2.9.3 Sanming Hexafluo Chemicals Environmentally Friendly Insulating Gas Product and Services
 - 2.9.4 Sanming Hexafluo Chemicals Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Sanming Hexafluo Chemicals Recent Developments/Updates
- 2.10 GE
 - 2.10.1 GE Details
 - 2.10.2 GE Major Business
 - 2.10.3 GE Environmentally Friendly Insulating Gas Product and Services
 - 2.10.4 GE Environmentally Friendly Insulating Gas Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 GE Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ENVIRONMENTALLY FRIENDLY INSULATING GAS BY MANUFACTURER

- 3.1 Global Environmentally Friendly Insulating Gas Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Environmentally Friendly Insulating Gas Revenue by Manufacturer (2020-2025)
- 3.3 Global Environmentally Friendly Insulating Gas Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Environmentally Friendly Insulating Gas by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Environmentally Friendly Insulating Gas Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Environmentally Friendly Insulating Gas Manufacturer Market Share in 2024

3.5 Environmentally Friendly Insulating Gas Market: Overall Company Footprint Analysis

3.5.1 Environmentally Friendly Insulating Gas Market: Region Footprint

3.5.2 Environmentally Friendly Insulating Gas Market: Company Product Type Footprint

3.5.3 Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Market Size by Region

4.1.1 Global Environmentally Friendly Insulating Gas Sales Quantity by Region (2020-2031)

4.1.2 Global Environmentally Friendly Insulating Gas Consumption Value by Region (2020-2031)

4.1.3 Global Environmentally Friendly Insulating Gas Average Price by Region (2020-2031)

4.2 North America Environmentally Friendly Insulating Gas Consumption Value (2020-2031)

4.3 Europe Environmentally Friendly Insulating Gas Consumption Value (2020-2031)

4.4 Asia-Pacific Environmentally Friendly Insulating Gas Consumption Value (2020-2031)

4.5 South America Environmentally Friendly Insulating Gas Consumption Value (2020-2031)

4.6 Middle East & Africa Environmentally Friendly Insulating Gas Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2031)

5.2 Global Environmentally Friendly Insulating Gas Consumption Value by Type (2020-2031)

5.3 Global Environmentally Friendly Insulating Gas Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Environmentally Friendly Insulating Gas Sales Quantity by Application

(2020-2031)

6.2 Global Environmentally Friendly Insulating Gas Consumption Value by Application

(2020-2031)

6.3 Global Environmentally Friendly Insulating Gas Average Price by Application

(2020-2031)

7 NORTH AMERICA

7.1 North America Environmentally Friendly Insulating Gas Sales Quantity by Type

(2020-2031)

7.2 North America Environmentally Friendly Insulating Gas Sales Quantity by

Application (2020-2031)

7.3 North America Environmentally Friendly Insulating Gas Market Size by Country

7.3.1 North America Environmentally Friendly Insulating Gas Sales Quantity by
Country (2020-2031)

7.3.2 North America Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Sales Quantity by Type

(2020-2031)

8.2 Europe Environmentally Friendly Insulating Gas Sales Quantity by Application

(2020-2031)

8.3 Europe Environmentally Friendly Insulating Gas Market Size by Country

8.3.1 Europe Environmentally Friendly Insulating Gas Sales Quantity by Country
(2020-2031)

8.3.2 Europe Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Environmentally Friendly Insulating Gas Market Size by Region

9.3.1 Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2031)

10.2 South America Environmentally Friendly Insulating Gas Sales Quantity by Application (2020-2031)

10.3 South America Environmentally Friendly Insulating Gas Market Size by Country

10.3.1 South America Environmentally Friendly Insulating Gas Sales Quantity by Country (2020-2031)

10.3.2 South America Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Environmentally Friendly Insulating Gas Market Size by Country

11.3.1 Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Market Drivers

12.2 Environmentally Friendly Insulating Gas Market Restraints

12.3 Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas and Key Manufacturers

13.2 Manufacturing Costs Percentage of Environmentally Friendly Insulating Gas

13.3 Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Typical Distributors

14.3 Environmentally Friendly Insulating Gas 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 Environmentally Friendly Insulating Gas Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Environmentally Friendly Insulating Gas Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Air Products Basic Information, Manufacturing Base and Competitors

Table 4. Air Products Major Business

Table 5. Air Products Environmentally Friendly Insulating Gas Product and Services

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

Table 7. Air Products Recent Developments/Updates

Table 8. Huate Gas Basic Information, Manufacturing Base and Competitors

Table 9. Huate Gas Major Business

Table 10. Huate Gas Environmentally Friendly Insulating Gas Product and Services

Table 11. Huate Gas Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Huate Gas Recent Developments/Updates

Table 13. Electronic Fluorocarbons Basic Information, Manufacturing Base and Competitors

Table 14. Electronic Fluorocarbons Major Business

Table 15. Electronic Fluorocarbons Environmentally Friendly Insulating Gas Product and Services

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

Table 17. Electronic Fluorocarbons Recent Developments/Updates

Table 18. ARCAD Ophtha Basic Information, Manufacturing Base and Competitors

Table 19. ARCAD Ophtha Major Business

Table 20. ARCAD Ophtha Environmentally Friendly Insulating Gas Product and Services

Table 21. ARCAD Ophtha Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. ARCAD Ophtha Recent Developments/Updates

Table 23. Praxair Basic Information, Manufacturing Base and Competitors

Table 24. Praxair Major Business

Table 25. Praxair Environmentally Friendly Insulating Gas Product and Services

Table 26. Praxair Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Praxair Recent Developments/Updates

Table 28. Linde Basic Information, Manufacturing Base and Competitors

Table 29. Linde Major Business

Table 30. Linde Environmentally Friendly Insulating Gas Product and Services

Table 31. Linde Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Linde Recent Developments/Updates

Table 33. 3M Basic Information, Manufacturing Base and Competitors

Table 34. 3M Major Business

Table 35. 3M Environmentally Friendly Insulating Gas Product and Services

Table 36. 3M Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. 3M Recent Developments/Updates

Table 38. Beijing Yuji Science & Technology Basic Information, Manufacturing Base and Competitors

Table 39. Beijing Yuji Science & Technology Major Business

Table 40. Beijing Yuji Science & Technology Environmentally Friendly Insulating Gas Product and Services

Table 41. Beijing Yuji Science & Technology Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Beijing Yuji Science & Technology Recent Developments/Updates

Table 43. Sanming Hexafluo Chemicals Basic Information, Manufacturing Base and Competitors

Table 44. Sanming Hexafluo Chemicals Major Business

Table 45. Sanming Hexafluo Chemicals Environmentally Friendly Insulating Gas Product and Services

Table 46. Sanming Hexafluo Chemicals Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Sanming Hexafluo Chemicals Recent Developments/Updates

Table 48. GE Basic Information, Manufacturing Base and Competitors

Table 49. GE Major Business

Table 50. GE Environmentally Friendly Insulating Gas Product and Services

Table 51. GE Environmentally Friendly Insulating Gas Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. GE Recent Developments/Updates

Table 53. Global Environmentally Friendly Insulating Gas Sales Quantity by Manufacturer (2020-2025) & (Tons)

Table 54. Global Environmentally Friendly Insulating Gas Revenue by Manufacturer (2020-2025) & (USD Million)

Table 55. Global Environmentally Friendly Insulating Gas Average Price by Manufacturer (2020-2025) & (US\$/Ton)

Table 56. Market Position of Manufacturers in Environmentally Friendly Insulating Gas, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 57. Head Office and Environmentally Friendly Insulating Gas Production Site of Key Manufacturer

Table 58. Environmentally Friendly Insulating Gas Market: Company Product Type Footprint

Table 59. Environmentally Friendly Insulating Gas Market: Company Product Application Footprint

Table 60. Environmentally Friendly Insulating Gas New Market Entrants and Barriers to Market Entry

Table 61. Environmentally Friendly Insulating Gas Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global Environmentally Friendly Insulating Gas Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 63. Global Environmentally Friendly Insulating Gas Sales Quantity by Region (2020-2025) & (Tons)

Table 64. Global Environmentally Friendly Insulating Gas Sales Quantity by Region (2026-2031) & (Tons)

Table 65. Global Environmentally Friendly Insulating Gas Consumption Value by Region (2020-2025) & (USD Million)

Table 66. Global Environmentally Friendly Insulating Gas Consumption Value by Region (2026-2031) & (USD Million)

Table 67. Global Environmentally Friendly Insulating Gas Average Price by Region (2020-2025) & (US\$/Ton)

Table 68. Global Environmentally Friendly Insulating Gas Average Price by Region (2026-2031) & (US\$/Ton)

Table 69. Global Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2025) & (Tons)

Table 70. Global Environmentally Friendly Insulating Gas Sales Quantity by Type (2026-2031) & (Tons)

Table 71. Global Environmentally Friendly Insulating Gas Consumption Value by Type (2020-2025) & (USD Million)

Table 72. Global Environmentally Friendly Insulating Gas Consumption Value by Type (2026-2031) & (USD Million)

Table 73. Global Environmentally Friendly Insulating Gas Average Price by Type (2020-2025) & (US\$/Ton)

Table 74. Global Environmentally Friendly Insulating Gas Average Price by Type (2026-2031) & (US\$/Ton)

Table 75. Global Environmentally Friendly Insulating Gas Sales Quantity by Application (2020-2025) & (Tons)

Table 76. Global Environmentally Friendly Insulating Gas Sales Quantity by Application (2026-2031) & (Tons)

Table 77. Global Environmentally Friendly Insulating Gas Consumption Value by Application (2020-2025) & (USD Million)

Table 78. Global Environmentally Friendly Insulating Gas Consumption Value by Application (2026-2031) & (USD Million)

Table 79. Global Environmentally Friendly Insulating Gas Average Price by Application (2020-2025) & (US\$/Ton)

Table 80. Global Environmentally Friendly Insulating Gas Average Price by Application (2026-2031) & (US\$/Ton)

Table 81. North America Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2025) & (Tons)

Table 82. North America Environmentally Friendly Insulating Gas Sales Quantity by Type (2026-2031) & (Tons)

Table 83. North America Environmentally Friendly Insulating Gas Sales Quantity by Application (2020-2025) & (Tons)

Table 84. North America Environmentally Friendly Insulating Gas Sales Quantity by Application (2026-2031) & (Tons)

Table 85. North America Environmentally Friendly Insulating Gas Sales Quantity by Country (2020-2025) & (Tons)

Table 86. North America Environmentally Friendly Insulating Gas Sales Quantity by Country (2026-2031) & (Tons)

Table 87. North America Environmentally Friendly Insulating Gas Consumption Value by Country (2020-2025) & (USD Million)

Table 88. North America Environmentally Friendly Insulating Gas Consumption Value by Country (2026-2031) & (USD Million)

Table 89. Europe Environmentally Friendly Insulating Gas Sales Quantity by Type

(2020-2025) & (Tons)

Table 90. Europe Environmentally Friendly Insulating Gas Sales Quantity by Type
(2026-2031) & (Tons)

Table 91. Europe Environmentally Friendly Insulating Gas Sales Quantity by Application
(2020-2025) & (Tons)

Table 92. Europe Environmentally Friendly Insulating Gas Sales Quantity by Application
(2026-2031) & (Tons)

Table 93. Europe Environmentally Friendly Insulating Gas Sales Quantity by Country
(2020-2025) & (Tons)

Table 94. Europe Environmentally Friendly Insulating Gas Sales Quantity by Country
(2026-2031) & (Tons)

Table 95. Europe Environmentally Friendly Insulating Gas Consumption Value by
Country (2020-2025) & (USD Million)

Table 96. Europe Environmentally Friendly Insulating Gas Consumption Value by
Country (2026-2031) & (USD Million)

Table 97. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by Type
(2020-2025) & (Tons)

Table 98. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by Type
(2026-2031) & (Tons)

Table 99. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by
Application (2020-2025) & (Tons)

Table 100. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by
Application (2026-2031) & (Tons)

Table 101. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by
Region (2020-2025) & (Tons)

Table 102. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity by
Region (2026-2031) & (Tons)

Table 103. Asia-Pacific Environmentally Friendly Insulating Gas Consumption Value by
Region (2020-2025) & (USD Million)

Table 104. Asia-Pacific Environmentally Friendly Insulating Gas Consumption Value by
Region (2026-2031) & (USD Million)

Table 105. South America Environmentally Friendly Insulating Gas Sales Quantity by
Type (2020-2025) & (Tons)

Table 106. South America Environmentally Friendly Insulating Gas Sales Quantity by
Type (2026-2031) & (Tons)

Table 107. South America Environmentally Friendly Insulating Gas Sales Quantity by
Application (2020-2025) & (Tons)

Table 108. South America Environmentally Friendly Insulating Gas Sales Quantity by
Application (2026-2031) & (Tons)

Table 109. South America Environmentally Friendly Insulating Gas Sales Quantity by Country (2020-2025) & (Tons)

Table 110. South America Environmentally Friendly Insulating Gas Sales Quantity by Country (2026-2031) & (Tons)

Table 111. South America Environmentally Friendly Insulating Gas Consumption Value by Country (2020-2025) & (USD Million)

Table 112. South America Environmentally Friendly Insulating Gas Consumption Value by Country (2026-2031) & (USD Million)

Table 113. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Type (2020-2025) & (Tons)

Table 114. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Type (2026-2031) & (Tons)

Table 115. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Application (2020-2025) & (Tons)

Table 116. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Application (2026-2031) & (Tons)

Table 117. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Country (2020-2025) & (Tons)

Table 118. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity by Country (2026-2031) & (Tons)

Table 119. Middle East & Africa Environmentally Friendly Insulating Gas Consumption Value by Country (2020-2025) & (USD Million)

Table 120. Middle East & Africa Environmentally Friendly Insulating Gas Consumption Value by Country (2026-2031) & (USD Million)

Table 121. Environmentally Friendly Insulating Gas Raw Material

Table 122. Key Manufacturers of Environmentally Friendly Insulating Gas Raw Materials

Table 123. Environmentally Friendly Insulating Gas Typical Distributors

Table 124. Environmentally Friendly Insulating Gas Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Environmentally Friendly Insulating Gas Picture

Figure 2. Global Environmentally Friendly Insulating Gas Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Environmentally Friendly Insulating Gas Revenue Market Share by Type in 2024

Figure 4. Hexafluoroethane Examples

Figure 5. Perfluoropropane Examples

Figure 6. Perfluoroisobutyronitrile Examples

Figure 7. Other Examples

Figure 8. Global Environmentally Friendly Insulating Gas Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 9. Global Environmentally Friendly Insulating Gas Revenue Market Share by Application in 2024

Figure 10. Industry Examples

Figure 11. Electronic Examples

Figure 12. Other Examples

Figure 13. Global Environmentally Friendly Insulating Gas Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 14. Global Environmentally Friendly Insulating Gas Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 15. Global Environmentally Friendly Insulating Gas Sales Quantity (2020-2031) & (Tons)

Figure 16. Global Environmentally Friendly Insulating Gas Price (2020-2031) & (US\$/Ton)

Figure 17. Global Environmentally Friendly Insulating Gas Sales Quantity Market Share by Manufacturer in 2024

Figure 18. Global Environmentally Friendly Insulating Gas Revenue Market Share by Manufacturer in 2024

Figure 19. Producer Shipments of Environmentally Friendly Insulating Gas by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 20. Top 3 Environmentally Friendly Insulating Gas Manufacturer (Revenue) Market Share in 2024

Figure 21. Top 6 Environmentally Friendly Insulating Gas Manufacturer (Revenue) Market Share in 2024

Figure 22. Global Environmentally Friendly Insulating Gas Sales Quantity Market Share

by Region (2020-2031)

Figure 23. Global Environmentally Friendly Insulating Gas Consumption Value Market Share by Region (2020-2031)

Figure 24. North America Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Environmentally Friendly Insulating Gas Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Environmentally Friendly Insulating Gas Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Environmentally Friendly Insulating Gas Average Price by Type (2020-2031) & (US\$/Ton)

Figure 32. Global Environmentally Friendly Insulating Gas Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Environmentally Friendly Insulating Gas Revenue Market Share by Application (2020-2031)

Figure 34. Global Environmentally Friendly Insulating Gas Average Price by Application (2020-2031) & (US\$/Ton)

Figure 35. North America Environmentally Friendly Insulating Gas Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Environmentally Friendly Insulating Gas Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Environmentally Friendly Insulating Gas Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Environmentally Friendly Insulating Gas Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Environmentally Friendly Insulating Gas Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Environmentally Friendly Insulating Gas Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe Environmentally Friendly Insulating Gas Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Environmentally Friendly Insulating Gas Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 47. France Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Environmentally Friendly Insulating Gas Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Environmentally Friendly Insulating Gas Consumption Value Market Share by Region (2020-2031)

Figure 55. China Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 58. India Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Environmentally Friendly Insulating Gas Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Environmentally Friendly Insulating Gas Sales Quantity

Market Share by Type (2020-2031)

Figure 62. South America Environmentally Friendly Insulating Gas Sales Quantity

Market Share by Application (2020-2031)

Figure 63. South America Environmentally Friendly Insulating Gas Sales Quantity

Market Share by Country (2020-2031)

Figure 64. South America Environmentally Friendly Insulating Gas Consumption Value

Market Share by Country (2020-2031)

Figure 65. Brazil Environmentally Friendly Insulating Gas Consumption Value
(2020-2031) & (USD Million)

Figure 66. Argentina Environmentally Friendly Insulating Gas Consumption Value
(2020-2031) & (USD Million)

Figure 67. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity
Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity
Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Environmentally Friendly Insulating Gas Sales Quantity
Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Environmentally Friendly Insulating Gas Consumption
Value Market Share by Country (2020-2031)

Figure 71. Turkey Environmentally Friendly Insulating Gas Consumption Value
(2020-2031) & (USD Million)

Figure 72. Egypt Environmentally Friendly Insulating Gas Consumption Value
(2020-2031) & (USD Million)

Figure 73. Saudi Arabia Environmentally Friendly Insulating Gas Consumption Value
(2020-2031) & (USD Million)

Figure 74. South Africa Environmentally Friendly Insulating Gas Consumption Value
(2020-2031) & (USD Million)

Figure 75. Environmentally Friendly Insulating Gas Market Drivers

Figure 76. Environmentally Friendly Insulating Gas Market Restraints

Figure 77. Environmentally Friendly Insulating Gas Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Environmentally Friendly Insulating
Gas in 2024

Figure 80. Manufacturing Process Analysis of Environmentally Friendly Insulating Gas

Figure 81. Environmentally Friendly Insulating Gas Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global Environmentally Friendly Insulating Gas Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G026B3865E6BEN.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/G026B3865E6BEN.html>