

Global CO₂ Separation Membrane Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GDFEE410CE94EN.html>

Date: July 2026

Pages: 131

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

ID: GDFEE410CE94EN

Abstracts

The global CO₂ Separation Membrane market size is expected to reach \$ 445 million by 2032, rising at a market growth of 5.4% CAGR during the forecast period (2026-2032).

CO₂ Separation Membrane is a selective membrane material or membrane module used to separate carbon dioxide from mixed gas streams based on differences in gas permeability and selectivity. It is commonly used in natural gas processing, biogas upgrading, industrial carbon capture, chemical gas separation, and other gas purification processes. Compared with traditional absorption or adsorption technologies, CO₂ separation membranes usually offer advantages such as compact structure, modular design, lower energy consumption, easier operation, and better suitability for continuous industrial gas treatment. In 2025, global CO₂ Separation Membrane production reached approximately 55177 units, with an average global market price of around 5,514 USD/unit. The production capacity CO₂ Separation Membrane in 2025 was approximately 2500 units. The typical gross profit margin for CO₂ Separation Membrane between 20% and 40%.

The CO₂ Separation Membrane market focuses on advanced membrane technologies designed to selectively separate carbon dioxide from gas mixtures in industries such as natural gas processing, biogas upgrading, carbon capture and storage (CCS), and industrial flue gas treatment. These membranes, typically made from polymers, mixed-matrix materials, or inorganic composites, provide advantages such as high selectivity, energy efficiency, compact design, and lower operational costs compared to traditional separation methods like amine absorption or cryogenic distillation. Market growth is driven by increasing global emphasis on reducing greenhouse gas emissions, stricter environmental regulations, and rising demand for clean energy, particularly in sectors

like power generation, oil & gas, and chemicals. The development of next-generation membranes with higher durability and scalability is further accelerating adoption, making CO₂ separation membranes a key enabler of carbon reduction strategies and the transition toward a low-carbon economy.

This report studies the global CO₂ Separation Membrane production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for CO₂ Separation Membrane and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of CO₂ Separation Membrane that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global CO₂ Separation Membrane total production and demand, 2021-2032, (Units)

Global CO₂ Separation Membrane total production value, 2021-2032, (USD Million)

Global CO₂ Separation Membrane production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global CO₂ Separation Membrane consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: CO₂ Separation Membrane domestic production, consumption, key domestic manufacturers and share

Global CO₂ Separation Membrane production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global CO₂ Separation Membrane production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global CO₂ Separation Membrane production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global CO₂ Separation Membrane 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 Air Liquide, UBE Corporation, Evonik, Air Products, Generon, BORSIG GmbH, JSC Grasys, Airrane, Honeywell UOP, MTR, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World CO2 Separation Membrane market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global CO2 Separation Membrane Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global CO2 Separation Membrane Market, Segmentation by Type:

Hollow Fiber Membrane

Spiral Wound Membrane

Global CO2 Separation Membrane Market, Segmentation by Membrane Materials:

Polymeric Membrane

Inorganic Membrane

Global CO2 Separation Membrane Market, Segmentation Separation Principles:

Solution-Diffusion Membrane

Molecular Sieve Membrane

Adsorption-Selective Membrane

Others

Global CO2 Separation Membrane Market, Segmentation by Application:

Natural Gas Processing

Biogas Upgrading

Industrial Carbon Capture

Chemical Gas Separation

Others

Companies Profiled:

Air Liquide

UBE Corporation

Evonik

Air Products

Generon

BORSIG GmbH

JSC Grasy

Airrane

Honeywell UOP

MTR

Tianbang Membrane

Jozzon Membrane

Key Questions Answered:

1. How big is the global CO₂ Separation Membrane market?
2. What is the demand of the global CO₂ Separation Membrane market?
3. What is the year over year growth of the global CO₂ Separation Membrane market?
4. What is the production and production value of the global CO₂ Separation Membrane market?
5. Who are the key producers in the global CO₂ Separation Membrane market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 CO2 Separation Membrane Introduction
- 1.2 World CO2 Separation Membrane Supply & Forecast
 - 1.2.1 World CO2 Separation Membrane Production Value (2021 & 2025 & 2032)
 - 1.2.2 World CO2 Separation Membrane Production (2021-2032)
 - 1.2.3 World CO2 Separation Membrane Pricing Trends (2021-2032)
- 1.3 World CO2 Separation Membrane Production by Region (Based on Production Site)
 - 1.3.1 World CO2 Separation Membrane Production Value by Region (2021-2032)
 - 1.3.2 World CO2 Separation Membrane Production by Region (2021-2032)
 - 1.3.3 World CO2 Separation Membrane Average Price by Region (2021-2032)
 - 1.3.4 North America CO2 Separation Membrane Production (2021-2032)
 - 1.3.5 Europe CO2 Separation Membrane Production (2021-2032)
 - 1.3.6 China CO2 Separation Membrane Production (2021-2032)
 - 1.3.7 Japan CO2 Separation Membrane Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 CO2 Separation Membrane Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 CO2 Separation Membrane Major Market Trends

2 DEMAND SUMMARY

- 2.1 World CO2 Separation Membrane Demand (2021-2032)
- 2.2 World CO2 Separation Membrane Consumption by Region
 - 2.2.1 World CO2 Separation Membrane Consumption by Region (2021-2026)
 - 2.2.2 World CO2 Separation Membrane Consumption Forecast by Region (2027-2032)
- 2.3 United States CO2 Separation Membrane Consumption (2021-2032)
- 2.4 China CO2 Separation Membrane Consumption (2021-2032)
- 2.5 Europe CO2 Separation Membrane Consumption (2021-2032)
- 2.6 Japan CO2 Separation Membrane Consumption (2021-2032)
- 2.7 South Korea CO2 Separation Membrane Consumption (2021-2032)
- 2.8 ASEAN CO2 Separation Membrane Consumption (2021-2032)
- 2.9 India CO2 Separation Membrane Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World CO₂ Separation Membrane Production Value by Manufacturer (2021-2026)
- 3.2 World CO₂ Separation Membrane Production by Manufacturer (2021-2026)
- 3.3 World CO₂ Separation Membrane Average Price by Manufacturer (2021-2026)
- 3.4 CO₂ Separation Membrane Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global CO₂ Separation Membrane Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR₄) for CO₂ Separation Membrane in 2025
 - 3.5.3 Global Concentration Ratios (CR₈) for CO₂ Separation Membrane in 2025
- 3.6 CO₂ Separation Membrane Market: Overall Company Footprint Analysis
 - 3.6.1 CO₂ Separation Membrane Market: Region Footprint
 - 3.6.2 CO₂ Separation Membrane Market: Company Product Type Footprint
 - 3.6.3 CO₂ Separation Membrane 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: CO₂ Separation Membrane Production Value Comparison
 - 4.1.1 United States VS China: CO₂ Separation Membrane Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: CO₂ Separation Membrane Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: CO₂ Separation Membrane Production Comparison
 - 4.2.1 United States VS China: CO₂ Separation Membrane Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: CO₂ Separation Membrane Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: CO₂ Separation Membrane Consumption Comparison
 - 4.3.1 United States VS China: CO₂ Separation Membrane Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: CO₂ Separation Membrane Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based CO₂ Separation Membrane Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based CO₂ Separation Membrane Manufacturers, Headquarters

and Production Site (States, Country)

4.4.2 United States Based Manufacturers CO2 Separation Membrane Production Value (2021-2026)

4.4.3 United States Based Manufacturers CO2 Separation Membrane Production (2021-2026)

4.5 China Based CO2 Separation Membrane Manufacturers and Market Share

4.5.1 China Based CO2 Separation Membrane Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers CO2 Separation Membrane Production Value (2021-2026)

4.5.3 China Based Manufacturers CO2 Separation Membrane Production (2021-2026)

4.6 Rest of World Based CO2 Separation Membrane Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based CO2 Separation Membrane Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers CO2 Separation Membrane Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers CO2 Separation Membrane Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World CO2 Separation Membrane Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Hollow Fiber Membrane

5.2.2 Spiral Wound Membrane

5.3 Market Segment by Type

5.3.1 World CO2 Separation Membrane Production by Type (2021-2032)

5.3.2 World CO2 Separation Membrane Production Value by Type (2021-2032)

5.3.3 World CO2 Separation Membrane Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY MEMBRANE MATERIALS

6.1 World CO2 Separation Membrane Market Size Overview by Membrane Materials: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Membrane Materials

6.2.1 Polymeric Membrane

6.2.2 Inorganic Membrane

6.3 Market Segment by Membrane Materials

6.3.1 World CO₂ Separation Membrane Production by Membrane Materials
(2021-2032)

6.3.2 World CO₂ Separation Membrane Production Value by Membrane Materials
(2021-2032)

6.3.3 World CO₂ Separation Membrane Average Price by Membrane Materials
(2021-2032)

7 MARKET ANALYSIS SEPARATION PRINCIPLES

7.1 World CO₂ Separation Membrane Market Size Overview Separation Principles:
2021 VS 2025 VS 2032

7.2 Segment Introduction Separation Principles

7.2.1 Solution-Diffusion Membrane

7.2.2 Molecular Sieve Membrane

7.2.3 Adsorption-Selective Membrane

7.2.4 Others

7.3 Market Segment Separation Principles

7.3.1 World CO₂ Separation Membrane Production Separation Principles (2021-2032)
7.3.2 World CO₂ Separation Membrane Production Value Separation Principles
(2021-2032)

7.3.3 World CO₂ Separation Membrane Average Price Separation Principles
(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World CO₂ Separation Membrane Market Size Overview by Application: 2021 VS
2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Natural Gas Processing

8.2.2 Biogas Upgrading

8.2.3 Industrial Carbon Capture

8.2.4 Chemical Gas Separation

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World CO₂ Separation Membrane Production by Application (2021-2032)

8.3.2 World CO₂ Separation Membrane Production Value by Application (2021-2032)

8.3.3 World CO₂ Separation Membrane Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Air Liquide

9.1.1 Air Liquide Details

9.1.2 Air Liquide Major Business

9.1.3 Air Liquide CO2 Separation Membrane Product and Services

9.1.4 Air Liquide CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Air Liquide Recent Developments/Updates

9.1.6 Air Liquide Competitive Strengths & Weaknesses

9.2 UBE Corporation

9.2.1 UBE Corporation Details

9.2.2 UBE Corporation Major Business

9.2.3 UBE Corporation CO2 Separation Membrane Product and Services

9.2.4 UBE Corporation CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 UBE Corporation Recent Developments/Updates

9.2.6 UBE Corporation Competitive Strengths & Weaknesses

9.3 Evonik

9.3.1 Evonik Details

9.3.2 Evonik Major Business

9.3.3 Evonik CO2 Separation Membrane Product and Services

9.3.4 Evonik CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Evonik Recent Developments/Updates

9.3.6 Evonik Competitive Strengths & Weaknesses

9.4 Air Products

9.4.1 Air Products Details

9.4.2 Air Products Major Business

9.4.3 Air Products CO2 Separation Membrane Product and Services

9.4.4 Air Products CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Air Products Recent Developments/Updates

9.4.6 Air Products Competitive Strengths & Weaknesses

9.5 Generon

9.5.1 Generon Details

9.5.2 Generon Major Business

9.5.3 Generon CO2 Separation Membrane Product and Services

9.5.4 Generon CO2 Separation Membrane Production, Price, Value, Gross Margin and

Market Share (2021-2026)

9.5.5 Generon Recent Developments/Updates

9.5.6 Generon Competitive Strengths & Weaknesses

9.6 BORSIG GmbH

9.6.1 BORSIG GmbH Details

9.6.2 BORSIG GmbH Major Business

9.6.3 BORSIG GmbH CO2 Separation Membrane Product and Services

9.6.4 BORSIG GmbH CO2 Separation Membrane Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.6.5 BORSIG GmbH Recent Developments/Updates

9.6.6 BORSIG GmbH Competitive Strengths & Weaknesses

9.7 JSC Grasys

9.7.1 JSC Grasys Details

9.7.2 JSC Grasys Major Business

9.7.3 JSC Grasys CO2 Separation Membrane Product and Services

9.7.4 JSC Grasys CO2 Separation Membrane Production, Price, Value, Gross Margin

and Market Share (2021-2026)

9.7.5 JSC Grasys Recent Developments/Updates

9.7.6 JSC Grasys Competitive Strengths & Weaknesses

9.8 Airrane

9.8.1 Airrane Details

9.8.2 Airrane Major Business

9.8.3 Airrane CO2 Separation Membrane Product and Services

9.8.4 Airrane CO2 Separation Membrane Production, Price, Value, Gross Margin and

Market Share (2021-2026)

9.8.5 Airrane Recent Developments/Updates

9.8.6 Airrane Competitive Strengths & Weaknesses

9.9 Honeywell UOP

9.9.1 Honeywell UOP Details

9.9.2 Honeywell UOP Major Business

9.9.3 Honeywell UOP CO2 Separation Membrane Product and Services

9.9.4 Honeywell UOP CO2 Separation Membrane Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.9.5 Honeywell UOP Recent Developments/Updates

9.9.6 Honeywell UOP Competitive Strengths & Weaknesses

9.10 MTR

9.10.1 MTR Details

9.10.2 MTR Major Business

9.10.3 MTR CO2 Separation Membrane Product and Services

9.10.4 MTR CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 MTR Recent Developments/Updates

9.10.6 MTR Competitive Strengths & Weaknesses

9.11 Tianbang Membrane

9.11.1 Tianbang Membrane Details

9.11.2 Tianbang Membrane Major Business

9.11.3 Tianbang Membrane CO2 Separation Membrane Product and Services

9.11.4 Tianbang Membrane CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Tianbang Membrane Recent Developments/Updates

9.11.6 Tianbang Membrane Competitive Strengths & Weaknesses

9.12 Jozzon Membrane

9.12.1 Jozzon Membrane Details

9.12.2 Jozzon Membrane Major Business

9.12.3 Jozzon Membrane CO2 Separation Membrane Product and Services

9.12.4 Jozzon Membrane CO2 Separation Membrane Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Jozzon Membrane Recent Developments/Updates

9.12.6 Jozzon Membrane Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 CO2 Separation Membrane Industry Chain

10.2 CO2 Separation Membrane Upstream Analysis

10.2.1 CO2 Separation Membrane Core Raw Materials

10.2.2 Main Manufacturers of CO2 Separation Membrane Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 CO2 Separation Membrane Production Mode

10.6 CO2 Separation Membrane Procurement Model

10.7 CO2 Separation Membrane Industry Sales Model and Sales Channels

10.7.1 CO2 Separation Membrane Sales Model

10.7.2 CO2 Separation Membrane Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World CO2 Separation Membrane Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World CO2 Separation Membrane Production Value by Region (2021-2026) & (USD Million)

Table 3. World CO2 Separation Membrane Production Value by Region (2027-2032) & (USD Million)

Table 4. World CO2 Separation Membrane Production Value Market Share by Region (2021-2026)

Table 5. World CO2 Separation Membrane Production Value Market Share by Region (2027-2032)

Table 6. World CO2 Separation Membrane Production by Region (2021-2026) & (Units)

Table 7. World CO2 Separation Membrane Production by Region (2027-2032) & (Units)

Table 8. World CO2 Separation Membrane Production Market Share by Region (2021-2026)

Table 9. World CO2 Separation Membrane Production Market Share by Region (2027-2032)

Table 10. World CO2 Separation Membrane Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World CO2 Separation Membrane Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. CO2 Separation Membrane Major Market Trends

Table 13. World CO2 Separation Membrane Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World CO2 Separation Membrane Consumption by Region (2021-2026) & (Units)

Table 15. World CO2 Separation Membrane Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World CO2 Separation Membrane Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key CO2 Separation Membrane Producers in 2025

Table 18. World CO2 Separation Membrane Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key CO2 Separation Membrane Producers in 2025

Table 20. World CO2 Separation Membrane Average Price by Manufacturer (2021-2026) & (US\$/Unit)
Table 21. Global CO2 Separation Membrane Company Evaluation Quadrant
Table 22. World CO2 Separation Membrane Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and CO2 Separation Membrane Production Site of Key Manufacturer
Table 24. CO2 Separation Membrane Market: Company Product Type Footprint
Table 25. CO2 Separation Membrane Market: Company Product Application Footprint
Table 26. CO2 Separation Membrane Competitive Factors
Table 27. CO2 Separation Membrane New Entrant and Capacity Expansion Plans
Table 28. CO2 Separation Membrane Mergers & Acquisitions Activity
Table 29. United States VS China CO2 Separation Membrane Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China CO2 Separation Membrane Production Comparison, (2021 & 2025 & 2032) & (Units)
Table 31. United States VS China CO2 Separation Membrane Consumption Comparison, (2021 & 2025 & 2032) & (Units)
Table 32. United States Based CO2 Separation Membrane Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers CO2 Separation Membrane Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers CO2 Separation Membrane Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers CO2 Separation Membrane Production (2021-2026) & (Units)
Table 36. United States Based Manufacturers CO2 Separation Membrane Production Market Share (2021-2026)
Table 37. China Based CO2 Separation Membrane Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers CO2 Separation Membrane Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers CO2 Separation Membrane Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers CO2 Separation Membrane Production, (2021-2026) & (Units)
Table 41. China Based Manufacturers CO2 Separation Membrane Production Market Share (2021-2026)
Table 42. Rest of World Based CO2 Separation Membrane Manufacturers,

Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers CO2 Separation Membrane Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers CO2 Separation Membrane Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers CO2 Separation Membrane Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers CO2 Separation Membrane Production Market Share (2021-2026)

Table 47. World CO2 Separation Membrane Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World CO2 Separation Membrane Production by Type (2021-2026) & (Units)

Table 49. World CO2 Separation Membrane Production by Type (2027-2032) & (Units)

Table 50. World CO2 Separation Membrane Production Value by Type (2021-2026) & (USD Million)

Table 51. World CO2 Separation Membrane Production Value by Type (2027-2032) & (USD Million)

Table 52. World CO2 Separation Membrane Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World CO2 Separation Membrane Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World CO2 Separation Membrane Production Value by Membrane Materials, (USD Million), 2021 & 2025 & 2032

Table 55. World CO2 Separation Membrane Production by Membrane Materials (2021-2026) & (Units)

Table 56. World CO2 Separation Membrane Production by Membrane Materials (2027-2032) & (Units)

Table 57. World CO2 Separation Membrane Production Value by Membrane Materials (2021-2026) & (USD Million)

Table 58. World CO2 Separation Membrane Production Value by Membrane Materials (2027-2032) & (USD Million)

Table 59. World CO2 Separation Membrane Average Price by Membrane Materials (2021-2026) & (US\$/Unit)

Table 60. World CO2 Separation Membrane Average Price by Membrane Materials (2027-2032) & (US\$/Unit)

Table 61. World CO2 Separation Membrane Production Value Separation Principles, (USD Million), 2021 & 2025 & 2032

Table 62. World CO2 Separation Membrane Production Separation Principles (2021-2026) & (Units)

Table 63. World CO₂ Separation Membrane Production Separation Principles
(2027-2032) & (Units)

Table 64. World CO₂ Separation Membrane Production Value Separation Principles
(2021-2026) & (USD Million)

Table 65. World CO₂ Separation Membrane Production Value Separation Principles
(2027-2032) & (USD Million)

Table 66. World CO₂ Separation Membrane Average Price Separation Principles
(2021-2026) & (US\$/Unit)

Table 67. World CO₂ Separation Membrane Average Price Separation Principles
(2027-2032) & (US\$/Unit)

Table 68. World CO₂ Separation Membrane Production Value by Application, (USD
Million), 2021 & 2025 & 2032

Table 69. World CO₂ Separation Membrane Production by Application (2021-2026) &
(Units)

Table 70. World CO₂ Separation Membrane Production by Application (2027-2032) &
(Units)

Table 71. World CO₂ Separation Membrane Production Value by Application
(2021-2026) & (USD Million)

Table 72. World CO₂ Separation Membrane Production Value by Application
(2027-2032) & (USD Million)

Table 73. World CO₂ Separation Membrane Average Price by Application (2021-2026)
& (US\$/Unit)

Table 74. World CO₂ Separation Membrane Average Price by Application (2027-2032)
& (US\$/Unit)

Table 75. Air Liquide Basic Information, Manufacturing Base and Competitors

Table 76. Air Liquide Major Business

Table 77. Air Liquide CO₂ Separation Membrane Product and Services

Table 78. Air Liquide CO₂ Separation Membrane Production (Units), Price (US\$/Unit),
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Air Liquide Recent Developments/Updates

Table 80. Air Liquide Competitive Strengths & Weaknesses

Table 81. UBE Corporation Basic Information, Manufacturing Base and Competitors

Table 82. UBE Corporation Major Business

Table 83. UBE Corporation CO₂ Separation Membrane Product and Services

Table 84. UBE Corporation CO₂ Separation Membrane Production (Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 85. UBE Corporation Recent Developments/Updates

Table 86. UBE Corporation Competitive Strengths & Weaknesses

Table 87. Evonik Basic Information, Manufacturing Base and Competitors
Table 88. Evonik Major Business
Table 89. Evonik CO2 Separation Membrane Product and Services
Table 90. Evonik CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Evonik Recent Developments/Updates
Table 92. Evonik Competitive Strengths & Weaknesses
Table 93. Air Products Basic Information, Manufacturing Base and Competitors
Table 94. Air Products Major Business
Table 95. Air Products CO2 Separation Membrane Product and Services
Table 96. Air Products CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Air Products Recent Developments/Updates
Table 98. Air Products Competitive Strengths & Weaknesses
Table 99. Generon Basic Information, Manufacturing Base and Competitors
Table 100. Generon Major Business
Table 101. Generon CO2 Separation Membrane Product and Services
Table 102. Generon CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Generon Recent Developments/Updates
Table 104. Generon Competitive Strengths & Weaknesses
Table 105. BORSIG GmbH Basic Information, Manufacturing Base and Competitors
Table 106. BORSIG GmbH Major Business
Table 107. BORSIG GmbH CO2 Separation Membrane Product and Services
Table 108. BORSIG GmbH CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. BORSIG GmbH Recent Developments/Updates
Table 110. BORSIG GmbH Competitive Strengths & Weaknesses
Table 111. JSC Grasys Basic Information, Manufacturing Base and Competitors
Table 112. JSC Grasys Major Business
Table 113. JSC Grasys CO2 Separation Membrane Product and Services
Table 114. JSC Grasys CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. JSC Grasys Recent Developments/Updates
Table 116. JSC Grasys Competitive Strengths & Weaknesses
Table 117. Airrane Basic Information, Manufacturing Base and Competitors
Table 118. Airrane Major Business

Table 119. Airrane CO2 Separation Membrane Product and Services
Table 120. Airrane CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Airrane Recent Developments/Updates
Table 122. Airrane Competitive Strengths & Weaknesses
Table 123. Honeywell UOP Basic Information, Manufacturing Base and Competitors
Table 124. Honeywell UOP Major Business
Table 125. Honeywell UOP CO2 Separation Membrane Product and Services
Table 126. Honeywell UOP CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Honeywell UOP Recent Developments/Updates
Table 128. Honeywell UOP Competitive Strengths & Weaknesses
Table 129. MTR Basic Information, Manufacturing Base and Competitors
Table 130. MTR Major Business
Table 131. MTR CO2 Separation Membrane Product and Services
Table 132. MTR CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. MTR Recent Developments/Updates
Table 134. MTR Competitive Strengths & Weaknesses
Table 135. Tianbang Membrane Basic Information, Manufacturing Base and Competitors
Table 136. Tianbang Membrane Major Business
Table 137. Tianbang Membrane CO2 Separation Membrane Product and Services
Table 138. Tianbang Membrane CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Tianbang Membrane Recent Developments/Updates
Table 140. Tianbang Membrane Competitive Strengths & Weaknesses
Table 141. Jozzon Membrane Basic Information, Manufacturing Base and Competitors
Table 142. Jozzon Membrane Major Business
Table 143. Jozzon Membrane CO2 Separation Membrane Product and Services
Table 144. Jozzon Membrane CO2 Separation Membrane Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Jozzon Membrane Recent Developments/Updates
Table 146. Jozzon Membrane Competitive Strengths & Weaknesses
Table 147. Global Key Players of CO2 Separation Membrane Upstream (Raw Materials)

Table 148. Global CO2 Separation Membrane Typical Customers

Table 149. CO2 Separation Membrane Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. CO₂ Separation Membrane Picture

Figure 2. World CO₂ Separation Membrane Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World CO₂ Separation Membrane Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World CO₂ Separation Membrane Production (2021-2032) & (Units)

Figure 5. World CO₂ Separation Membrane Average Price (2021-2032) & (US\$/Unit)

Figure 6. World CO₂ Separation Membrane Production Value Market Share by Region (2021-2032)

Figure 7. World CO₂ Separation Membrane Production Market Share by Region (2021-2032)

Figure 8. North America CO₂ Separation Membrane Production (2021-2032) & (Units)

Figure 9. Europe CO₂ Separation Membrane Production (2021-2032) & (Units)

Figure 10. China CO₂ Separation Membrane Production (2021-2032) & (Units)

Figure 11. Japan CO₂ Separation Membrane Production (2021-2032) & (Units)

Figure 12. CO₂ Separation Membrane Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 15. World CO₂ Separation Membrane Consumption Market Share by Region (2021-2032)

Figure 16. United States CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 17. China CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 18. Europe CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 19. Japan CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 20. South Korea CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 21. ASEAN CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 22. India CO₂ Separation Membrane Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of CO₂ Separation Membrane by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR₄) for CO₂ Separation Membrane Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR₈) for CO₂ Separation Membrane Markets in 2025

Figure 26. United States VS China: CO₂ Separation Membrane Production Value

Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: CO2 Separation Membrane Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: CO2 Separation Membrane Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers CO2 Separation Membrane Production Market Share 2025

Figure 30. China Based Manufacturers CO2 Separation Membrane Production Market Share 2025

Figure 31. Rest of World Based Manufacturers CO2 Separation Membrane Production Market Share 2025

Figure 32. World CO2 Separation Membrane Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World CO2 Separation Membrane Production Value Market Share by Type in 2025

Figure 34. Hollow Fiber Membrane

Figure 35. Spiral Wound Membrane

Figure 36. World CO2 Separation Membrane Production Market Share by Type (2021-2032)

Figure 37. World CO2 Separation Membrane Production Value Market Share by Type (2021-2032)

Figure 38. World CO2 Separation Membrane Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World CO2 Separation Membrane Production Value by Membrane Materials, (USD Million), 2021 & 2025 & 2032

Figure 40. World CO2 Separation Membrane Production Value Market Share by Membrane Materials in 2025

Figure 41. Polymeric Membrane

Figure 42. Inorganic Membrane

Figure 43. World CO2 Separation Membrane Production Market Share by Membrane Materials (2021-2032)

Figure 44. World CO2 Separation Membrane Production Value Market Share by Membrane Materials (2021-2032)

Figure 45. World CO2 Separation Membrane Average Price by Membrane Materials (2021-2032) & (US\$/Unit)

Figure 46. World CO2 Separation Membrane Production Value Separation Principles, (USD Million), 2021 & 2025 & 2032

Figure 47. World CO2 Separation Membrane Production Value Market Share Separation Principles in 2025

Figure 48. Solution-Diffusion Membrane

Figure 49. Molecular Sieve Membrane

Figure 50. Adsorption-Selective Membrane

Figure 51. Others

Figure 52. World CO₂ Separation Membrane Production Market Share Separation Principles (2021-2032)

Figure 53. World CO₂ Separation Membrane Production Value Market Share Separation Principles (2021-2032)

Figure 54. World CO₂ Separation Membrane Average Price Separation Principles (2021-2032) & (US\$/Unit)

Figure 55. World CO₂ Separation Membrane Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World CO₂ Separation Membrane Production Value Market Share by Application in 2025

Figure 57. Natural Gas Processing

Figure 58. Biogas Upgrading

Figure 59. Industrial Carbon Capture

Figure 60. Chemical Gas Separation

Figure 61. Others

Figure 62. World CO₂ Separation Membrane Production Market Share by Application (2021-2032)

Figure 63. World CO₂ Separation Membrane Production Value Market Share by Application (2021-2032)

Figure 64. World CO₂ Separation Membrane Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. CO₂ Separation Membrane Industry Chain

Figure 66. CO₂ Separation Membrane Procurement Model

Figure 67. CO₂ Separation Membrane Sales Model

Figure 68. CO₂ Separation Membrane Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global CO2 Separation Membrane Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GDFEE410CE94EN.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/GDFEE410CE94EN.html>