

Global Membrane Electrode Gas Diffusion Layer Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GDBC33B4B4D2EN.html>

Date: April 2026

Pages: 147

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

ID: GDBC33B4B4D2EN

Abstracts

The global Membrane Electrode Gas Diffusion Layer market size is expected to reach \$ 1361 million by 2032, rising at a market growth of 12.7% CAGR during the forecast period (2026-2032).

The Gas Diffusion Layer for Membrane Electrode is a critical component designed to facilitate the efficient transfer of gases, such as oxygen and hydrogen, between the electrode and the electrolyte in a fuel cell. It is engineered to optimize gas flow distribution, enhance electrical conductivity, and ensure the structural integrity of the membrane electrode assembly. The layer's multi-functional design allows for the effective reduction of ohmic losses and the prevention of catalyst coking, thereby contributing to the overall performance and longevity of the fuel cell system. In 2025, global Membrane Electrode Gas Diffusion Layer production reached approximately 1430.9 k sqm with an average global market price of around US\$400 per sqm.

As fuel cell technology continues to advance and commercialize, the Membrane Electrode Gas Diffusion Layer (GDL) industry is experiencing a series of significant trends. Technological innovation is at the core of driving industry development, with the application of new materials and process improvements significantly enhancing the performance of GDL, such as conductivity, gas permeability, and durability. At the same time, companies are committed to reducing costs through scaled production and supply chain integration to enhance market competitiveness. The increasingly stringent environmental regulations are necessitating a greater focus on sustainability in the production and recycling processes of GDL, presenting both challenges and new business opportunities. Market demand is growing with the commercialization of fuel cell technology, bringing substantial revenue potential to the industry. Additionally, the trend of globalization and intensified competition requires enterprises to continuously

innovate and optimize their operational strategies to maintain a leading position in the market. Overall, the Membrane Electrode Gas Diffusion Layer industry is in a period of rapid development and transformation, and for businesses, grasping technological innovation, cost control, and market expansion will be key to achieving revenue and profit growth.

This report studies the global Membrane Electrode Gas Diffusion Layer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Membrane Electrode Gas Diffusion Layer 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 Membrane Electrode Gas Diffusion Layer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Membrane Electrode Gas Diffusion Layer total production and demand, 2021-2032, (K Sqm)

Global Membrane Electrode Gas Diffusion Layer total production value, 2021-2032, (USD Million)

Global Membrane Electrode Gas Diffusion Layer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm), (based on production site)

Global Membrane Electrode Gas Diffusion Layer consumption by region & country, CAGR, 2021-2032 & (K Sqm)

U.S. VS China: Membrane Electrode Gas Diffusion Layer domestic production, consumption, key domestic manufacturers and share

Global Membrane Electrode Gas Diffusion Layer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Sqm)

Global Membrane Electrode Gas Diffusion Layer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

Global Membrane Electrode Gas Diffusion Layer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

This report profiles key players in the global Membrane Electrode Gas Diffusion Layer 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 SGL Carbon, Freudenberg, AvCarb Material Solutions, Toray, Teijin, Mitsubishi Chemical, JNT Group, Fuel Cells, MeliCon, Bekaert, 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 Membrane Electrode Gas Diffusion Layer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sq m) 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 Membrane Electrode Gas Diffusion Layer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Membrane Electrode Gas Diffusion Layer Market, Segmentation by Type:

Carbon Paper

Carbon Cloth

Global Membrane Electrode Gas Diffusion Layer Market, Segmentation by Structural Design:

Single-layer GDL

Dual-layer GDL

Global Membrane Electrode Gas Diffusion Layer Market, Segmentation by Surface Coating:

PTFE-treated

Carbon-coated

Graphite-coated

Global Membrane Electrode Gas Diffusion Layer Market, Segmentation by Application:

Polymer Electrolyte Fuel Cells

Hydrogen / Oxygen Air Fuel Cells

Direct Methanol Fuel Cells

Others

Companies Profiled:

SGL Carbon

Freudenberg

AvCarb Material Solutions

Toray

Teijin

Mitsubishi Chemical

JNT Group

Fuel Cells

MeliCon

Bekaert

Krayden

Toho Titanium

Cetech

Shanghai Tanji Group

Zhejiang Jiuyu Technology

Zhejiang Filter Technology

Key Questions Answered:

1. How big is the global Membrane Electrode Gas Diffusion Layer market?
2. What is the demand of the global Membrane Electrode Gas Diffusion Layer market?
3. What is the year over year growth of the global Membrane Electrode Gas Diffusion

Layer market?

4. What is the production and production value of the global Membrane Electrode Gas Diffusion Layer market?
5. Who are the key producers in the global Membrane Electrode Gas Diffusion Layer market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

- 2.1 World Membrane Electrode Gas Diffusion Layer Demand (2021-2032)
- 2.2 World Membrane Electrode Gas Diffusion Layer Consumption by Region
 - 2.2.1 World Membrane Electrode Gas Diffusion Layer Consumption by Region (2021-2026)
 - 2.2.2 World Membrane Electrode Gas Diffusion Layer Consumption Forecast by Region (2027-2032)
- 2.3 United States Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)
- 2.4 China Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)
- 2.5 Europe Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)
- 2.6 Japan Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)

- 2.7 South Korea Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)
- 2.8 ASEAN Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)
- 2.9 India Membrane Electrode Gas Diffusion Layer Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Membrane Electrode Gas Diffusion Layer Production Value by Manufacturer (2021-2026)
- 3.2 World Membrane Electrode Gas Diffusion Layer Production by Manufacturer (2021-2026)
- 3.3 World Membrane Electrode Gas Diffusion Layer Average Price by Manufacturer (2021-2026)
- 3.4 Membrane Electrode Gas Diffusion Layer Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Membrane Electrode Gas Diffusion Layer Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Membrane Electrode Gas Diffusion Layer in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Membrane Electrode Gas Diffusion Layer in 2025
- 3.6 Membrane Electrode Gas Diffusion Layer Market: Overall Company Footprint Analysis
 - 3.6.1 Membrane Electrode Gas Diffusion Layer Market: Region Footprint
 - 3.6.2 Membrane Electrode Gas Diffusion Layer Market: Company Product Type Footprint
 - 3.6.3 Membrane Electrode Gas Diffusion Layer 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: Membrane Electrode Gas Diffusion Layer Production Value Comparison
 - 4.1.1 United States VS China: Membrane Electrode Gas Diffusion Layer Production

Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Membrane Electrode Gas Diffusion Layer Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Membrane Electrode Gas Diffusion Layer Production Comparison

4.2.1 United States VS China: Membrane Electrode Gas Diffusion Layer Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Membrane Electrode Gas Diffusion Layer Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Membrane Electrode Gas Diffusion Layer Consumption Comparison

4.3.1 United States VS China: Membrane Electrode Gas Diffusion Layer Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Membrane Electrode Gas Diffusion Layer Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Membrane Electrode Gas Diffusion Layer Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Membrane Electrode Gas Diffusion Layer Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value (2021-2026)

4.4.3 United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production (2021-2026)

4.5 China Based Membrane Electrode Gas Diffusion Layer Manufacturers and Market Share

4.5.1 China Based Membrane Electrode Gas Diffusion Layer Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value (2021-2026)

4.5.3 China Based Manufacturers Membrane Electrode Gas Diffusion Layer Production (2021-2026)

4.6 Rest of World Based Membrane Electrode Gas Diffusion Layer Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Membrane Electrode Gas Diffusion Layer Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Membrane Electrode Gas Diffusion Layer Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Carbon Paper

5.2.2 Carbon Cloth

5.3 Market Segment by Type

5.3.1 World Membrane Electrode Gas Diffusion Layer Production by Type (2021-2032)

5.3.2 World Membrane Electrode Gas Diffusion Layer Production Value by Type (2021-2032)

5.3.3 World Membrane Electrode Gas Diffusion Layer Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY STRUCTURAL DESIGN

6.1 World Membrane Electrode Gas Diffusion Layer Market Size Overview by Structural Design: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Structural Design

6.2.1 Single-layer GDL

6.2.2 Dual-layer GDL

6.3 Market Segment by Structural Design

6.3.1 World Membrane Electrode Gas Diffusion Layer Production by Structural Design (2021-2032)

6.3.2 World Membrane Electrode Gas Diffusion Layer Production Value by Structural Design (2021-2032)

6.3.3 World Membrane Electrode Gas Diffusion Layer Average Price by Structural Design (2021-2032)

7 MARKET ANALYSIS BY SURFACE COATING

7.1 World Membrane Electrode Gas Diffusion Layer Market Size Overview by Surface Coating: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Surface Coating

7.2.1 PTFE-treated

7.2.2 Carbon-coated

7.2.3 Graphite-coated

7.3 Market Segment by Surface Coating

7.3.1 World Membrane Electrode Gas Diffusion Layer Production by Surface Coating (2021-2032)

7.3.2 World Membrane Electrode Gas Diffusion Layer Production Value by Surface Coating (2021-2032)

7.3.3 World Membrane Electrode Gas Diffusion Layer Average Price by Surface Coating (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Membrane Electrode Gas Diffusion Layer Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Polymer Electrolyte Fuel Cells

8.2.2 Hydrogen / Oxygen Air Fuel Cells

8.2.3 Direct Methanol Fuel Cells

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Membrane Electrode Gas Diffusion Layer Production by Application (2021-2032)

8.3.2 World Membrane Electrode Gas Diffusion Layer Production Value by Application (2021-2032)

8.3.3 World Membrane Electrode Gas Diffusion Layer Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 SGL Carbon

9.1.1 SGL Carbon Details

9.1.2 SGL Carbon Major Business

9.1.3 SGL Carbon Membrane Electrode Gas Diffusion Layer Product and Services

9.1.4 SGL Carbon Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 SGL Carbon Recent Developments/Updates

9.1.6 SGL Carbon Competitive Strengths & Weaknesses

9.2 Freudenberg

9.2.1 Freudenberg Details

9.2.2 Freudenberg Major Business

9.2.3 Freudenberg Membrane Electrode Gas Diffusion Layer Product and Services

9.2.4 Freudenberg Membrane Electrode Gas Diffusion Layer Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.2.5 Freudenberg Recent Developments/Updates

9.2.6 Freudenberg Competitive Strengths & Weaknesses

9.3 AvCarb Material Solutions

9.3.1 AvCarb Material Solutions Details

9.3.2 AvCarb Material Solutions Major Business

9.3.3 AvCarb Material Solutions Membrane Electrode Gas Diffusion Layer Product and Services

9.3.4 AvCarb Material Solutions Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 AvCarb Material Solutions Recent Developments/Updates

9.3.6 AvCarb Material Solutions Competitive Strengths & Weaknesses

9.4 Toray

9.4.1 Toray Details

9.4.2 Toray Major Business

9.4.3 Toray Membrane Electrode Gas Diffusion Layer Product and Services

9.4.4 Toray Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Toray Recent Developments/Updates

9.4.6 Toray Competitive Strengths & Weaknesses

9.5 Teijin

9.5.1 Teijin Details

9.5.2 Teijin Major Business

9.5.3 Teijin Membrane Electrode Gas Diffusion Layer Product and Services

9.5.4 Teijin Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Teijin Recent Developments/Updates

9.5.6 Teijin Competitive Strengths & Weaknesses

9.6 Mitsubishi Chemical

9.6.1 Mitsubishi Chemical Details

9.6.2 Mitsubishi Chemical Major Business

9.6.3 Mitsubishi Chemical Membrane Electrode Gas Diffusion Layer Product and Services

9.6.4 Mitsubishi Chemical Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Mitsubishi Chemical Recent Developments/Updates

9.6.6 Mitsubishi Chemical Competitive Strengths & Weaknesses

9.7 JNT Group

9.7.1 JNT Group Details

- 9.7.2 JNT Group Major Business
- 9.7.3 JNT Group Membrane Electrode Gas Diffusion Layer Product and Services
- 9.7.4 JNT Group Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 JNT Group Recent Developments/Updates
- 9.7.6 JNT Group Competitive Strengths & Weaknesses
- 9.8 Fuel Cells
 - 9.8.1 Fuel Cells Details
 - 9.8.2 Fuel Cells Major Business
 - 9.8.3 Fuel Cells Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.8.4 Fuel Cells Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Fuel Cells Recent Developments/Updates
 - 9.8.6 Fuel Cells Competitive Strengths & Weaknesses
- 9.9 MeliCon
 - 9.9.1 MeliCon Details
 - 9.9.2 MeliCon Major Business
 - 9.9.3 MeliCon Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.9.4 MeliCon Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 MeliCon Recent Developments/Updates
 - 9.9.6 MeliCon Competitive Strengths & Weaknesses
- 9.10 Bekaert
 - 9.10.1 Bekaert Details
 - 9.10.2 Bekaert Major Business
 - 9.10.3 Bekaert Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.10.4 Bekaert Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Bekaert Recent Developments/Updates
 - 9.10.6 Bekaert Competitive Strengths & Weaknesses
- 9.11 Krayden
 - 9.11.1 Krayden Details
 - 9.11.2 Krayden Major Business
 - 9.11.3 Krayden Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.11.4 Krayden Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Krayden Recent Developments/Updates
 - 9.11.6 Krayden Competitive Strengths & Weaknesses
- 9.12 Toho Titanium

- 9.12.1 Toho Titanium Details
- 9.12.2 Toho Titanium Major Business
- 9.12.3 Toho Titanium Membrane Electrode Gas Diffusion Layer Product and Services
- 9.12.4 Toho Titanium Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.12.5 Toho Titanium Recent Developments/Updates
- 9.12.6 Toho Titanium Competitive Strengths & Weaknesses
- 9.13 Cetech
 - 9.13.1 Cetech Details
 - 9.13.2 Cetech Major Business
 - 9.13.3 Cetech Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.13.4 Cetech Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Cetech Recent Developments/Updates
 - 9.13.6 Cetech Competitive Strengths & Weaknesses
- 9.14 Shanghai Tanji Group
 - 9.14.1 Shanghai Tanji Group Details
 - 9.14.2 Shanghai Tanji Group Major Business
 - 9.14.3 Shanghai Tanji Group Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.14.4 Shanghai Tanji Group Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Shanghai Tanji Group Recent Developments/Updates
 - 9.14.6 Shanghai Tanji Group Competitive Strengths & Weaknesses
- 9.15 Zhejiang Jiuyu Technology
 - 9.15.1 Zhejiang Jiuyu Technology Details
 - 9.15.2 Zhejiang Jiuyu Technology Major Business
 - 9.15.3 Zhejiang Jiuyu Technology Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.15.4 Zhejiang Jiuyu Technology Membrane Electrode Gas Diffusion Layer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Zhejiang Jiuyu Technology Recent Developments/Updates
 - 9.15.6 Zhejiang Jiuyu Technology Competitive Strengths & Weaknesses
- 9.16 Zhejiang Filter Technology
 - 9.16.1 Zhejiang Filter Technology Details
 - 9.16.2 Zhejiang Filter Technology Major Business
 - 9.16.3 Zhejiang Filter Technology Membrane Electrode Gas Diffusion Layer Product and Services
 - 9.16.4 Zhejiang Filter Technology Membrane Electrode Gas Diffusion Layer

Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Zhejiang Filter Technology Recent Developments/Updates

9.16.6 Zhejiang Filter Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Membrane Electrode Gas Diffusion Layer Industry Chain

10.2 Membrane Electrode Gas Diffusion Layer Upstream Analysis

10.2.1 Membrane Electrode Gas Diffusion Layer Core Raw Materials

10.2.2 Main Manufacturers of Membrane Electrode Gas Diffusion Layer Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Membrane Electrode Gas Diffusion Layer Production Mode

10.6 Membrane Electrode Gas Diffusion Layer Procurement Model

10.7 Membrane Electrode Gas Diffusion Layer Industry Sales Model and Sales Channels

10.7.1 Membrane Electrode Gas Diffusion Layer Sales Model

10.7.2 Membrane Electrode Gas Diffusion Layer 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 Membrane Electrode Gas Diffusion Layer Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Membrane Electrode Gas Diffusion Layer Production Value by Region (2021-2026) & (USD Million)

Table 3. World Membrane Electrode Gas Diffusion Layer Production Value by Region (2027-2032) & (USD Million)

Table 4. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Region (2021-2026)

Table 5. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Region (2027-2032)

Table 6. World Membrane Electrode Gas Diffusion Layer Production by Region (2021-2026) & (K Sqm)

Table 7. World Membrane Electrode Gas Diffusion Layer Production by Region (2027-2032) & (K Sqm)

Table 8. World Membrane Electrode Gas Diffusion Layer Production Market Share by Region (2021-2026)

Table 9. World Membrane Electrode Gas Diffusion Layer Production Market Share by Region (2027-2032)

Table 10. World Membrane Electrode Gas Diffusion Layer Average Price by Region (2021-2026) & (US\$/Sq m)

Table 11. World Membrane Electrode Gas Diffusion Layer Average Price by Region (2027-2032) & (US\$/Sq m)

Table 12. Membrane Electrode Gas Diffusion Layer Major Market Trends

Table 13. World Membrane Electrode Gas Diffusion Layer Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Sqm)

Table 14. World Membrane Electrode Gas Diffusion Layer Consumption by Region (2021-2026) & (K Sqm)

Table 15. World Membrane Electrode Gas Diffusion Layer Consumption Forecast by Region (2027-2032) & (K Sqm)

Table 16. World Membrane Electrode Gas Diffusion Layer Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Membrane Electrode Gas Diffusion Layer Producers in 2025

Table 18. World Membrane Electrode Gas Diffusion Layer Production by Manufacturer (2021-2026) & (K Sqm)

Table 19. Production Market Share of Key Membrane Electrode Gas Diffusion Layer Producers in 2025

Table 20. World Membrane Electrode Gas Diffusion Layer Average Price by Manufacturer (2021-2026) & (US\$/Sq m)

Table 21. Global Membrane Electrode Gas Diffusion Layer Company Evaluation Quadrant

Table 22. World Membrane Electrode Gas Diffusion Layer Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Membrane Electrode Gas Diffusion Layer Production Site of Key Manufacturer

Table 24. Membrane Electrode Gas Diffusion Layer Market: Company Product Type Footprint

Table 25. Membrane Electrode Gas Diffusion Layer Market: Company Product Application Footprint

Table 26. Membrane Electrode Gas Diffusion Layer Competitive Factors

Table 27. Membrane Electrode Gas Diffusion Layer New Entrant and Capacity Expansion Plans

Table 28. Membrane Electrode Gas Diffusion Layer Mergers & Acquisitions Activity

Table 29. United States VS China Membrane Electrode Gas Diffusion Layer Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Membrane Electrode Gas Diffusion Layer Production Comparison, (2021 & 2025 & 2032) & (K Sqm)

Table 31. United States VS China Membrane Electrode Gas Diffusion Layer Consumption Comparison, (2021 & 2025 & 2032) & (K Sqm)

Table 32. United States Based Membrane Electrode Gas Diffusion Layer Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production (2021-2026) & (K Sqm)

Table 36. United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Market Share (2021-2026)

Table 37. China Based Membrane Electrode Gas Diffusion Layer Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Membrane Electrode Gas Diffusion Layer

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Membrane Electrode Gas Diffusion Layer Production, (2021-2026) & (K Sqm)

Table 41. China Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Market Share (2021-2026)

Table 42. Rest of World Based Membrane Electrode Gas Diffusion Layer Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production, (2021-2026) & (K Sqm)

Table 46. Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Market Share (2021-2026)

Table 47. World Membrane Electrode Gas Diffusion Layer Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Membrane Electrode Gas Diffusion Layer Production by Type (2021-2026) & (K Sqm)

Table 49. World Membrane Electrode Gas Diffusion Layer Production by Type (2027-2032) & (K Sqm)

Table 50. World Membrane Electrode Gas Diffusion Layer Production Value by Type (2021-2026) & (USD Million)

Table 51. World Membrane Electrode Gas Diffusion Layer Production Value by Type (2027-2032) & (USD Million)

Table 52. World Membrane Electrode Gas Diffusion Layer Average Price by Type (2021-2026) & (US\$/Sq m)

Table 53. World Membrane Electrode Gas Diffusion Layer Average Price by Type (2027-2032) & (US\$/Sq m)

Table 54. World Membrane Electrode Gas Diffusion Layer Production Value by Structural Design, (USD Million), 2021 & 2025 & 2032

Table 55. World Membrane Electrode Gas Diffusion Layer Production by Structural Design (2021-2026) & (K Sqm)

Table 56. World Membrane Electrode Gas Diffusion Layer Production by Structural Design (2027-2032) & (K Sqm)

Table 57. World Membrane Electrode Gas Diffusion Layer Production Value by Structural Design (2021-2026) & (USD Million)

Table 58. World Membrane Electrode Gas Diffusion Layer Production Value by Structural Design (2027-2032) & (USD Million)

Table 59. World Membrane Electrode Gas Diffusion Layer Average Price by Structural Design (2021-2026) & (US\$/Sq m)

Table 60. World Membrane Electrode Gas Diffusion Layer Average Price by Structural Design (2027-2032) & (US\$/Sq m)

Table 61. World Membrane Electrode Gas Diffusion Layer Production Value by Surface Coating, (USD Million), 2021 & 2025 & 2032

Table 62. World Membrane Electrode Gas Diffusion Layer Production by Surface Coating (2021-2026) & (K Sqm)

Table 63. World Membrane Electrode Gas Diffusion Layer Production by Surface Coating (2027-2032) & (K Sqm)

Table 64. World Membrane Electrode Gas Diffusion Layer Production Value by Surface Coating (2021-2026) & (USD Million)

Table 65. World Membrane Electrode Gas Diffusion Layer Production Value by Surface Coating (2027-2032) & (USD Million)

Table 66. World Membrane Electrode Gas Diffusion Layer Average Price by Surface Coating (2021-2026) & (US\$/Sq m)

Table 67. World Membrane Electrode Gas Diffusion Layer Average Price by Surface Coating (2027-2032) & (US\$/Sq m)

Table 68. World Membrane Electrode Gas Diffusion Layer Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Membrane Electrode Gas Diffusion Layer Production by Application (2021-2026) & (K Sqm)

Table 70. World Membrane Electrode Gas Diffusion Layer Production by Application (2027-2032) & (K Sqm)

Table 71. World Membrane Electrode Gas Diffusion Layer Production Value by Application (2021-2026) & (USD Million)

Table 72. World Membrane Electrode Gas Diffusion Layer Production Value by Application (2027-2032) & (USD Million)

Table 73. World Membrane Electrode Gas Diffusion Layer Average Price by Application (2021-2026) & (US\$/Sq m)

Table 74. World Membrane Electrode Gas Diffusion Layer Average Price by Application (2027-2032) & (US\$/Sq m)

Table 75. SGL Carbon Basic Information, Manufacturing Base and Competitors

Table 76. SGL Carbon Major Business

Table 77. SGL Carbon Membrane Electrode Gas Diffusion Layer Product and Services

Table 78. SGL Carbon Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. SGL Carbon Recent Developments/Updates

Table 80. SGL Carbon Competitive Strengths & Weaknesses

Table 81. Freudenberg Basic Information, Manufacturing Base and Competitors

Table 82. Freudenberg Major Business

Table 83. Freudenberg Membrane Electrode Gas Diffusion Layer Product and Services

Table 84. Freudenberg Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Freudenberg Recent Developments/Updates

Table 86. Freudenberg Competitive Strengths & Weaknesses

Table 87. AvCarb Material Solutions Basic Information, Manufacturing Base and Competitors

Table 88. AvCarb Material Solutions Major Business

Table 89. AvCarb Material Solutions Membrane Electrode Gas Diffusion Layer Product and Services

Table 90. AvCarb Material Solutions Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. AvCarb Material Solutions Recent Developments/Updates

Table 92. AvCarb Material Solutions Competitive Strengths & Weaknesses

Table 93. Toray Basic Information, Manufacturing Base and Competitors

Table 94. Toray Major Business

Table 95. Toray Membrane Electrode Gas Diffusion Layer Product and Services

Table 96. Toray Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Toray Recent Developments/Updates

Table 98. Toray Competitive Strengths & Weaknesses

Table 99. Teijin Basic Information, Manufacturing Base and Competitors

Table 100. Teijin Major Business

Table 101. Teijin Membrane Electrode Gas Diffusion Layer Product and Services

Table 102. Teijin Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Teijin Recent Developments/Updates

Table 104. Teijin Competitive Strengths & Weaknesses

Table 105. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 106. Mitsubishi Chemical Major Business

Table 107. Mitsubishi Chemical Membrane Electrode Gas Diffusion Layer Product and Services

Table 108. Mitsubishi Chemical Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Mitsubishi Chemical Recent Developments/Updates

Table 110. Mitsubishi Chemical Competitive Strengths & Weaknesses

Table 111. JNT Group Basic Information, Manufacturing Base and Competitors

Table 112. JNT Group Major Business

Table 113. JNT Group Membrane Electrode Gas Diffusion Layer Product and Services

Table 114. JNT Group Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. JNT Group Recent Developments/Updates

Table 116. JNT Group Competitive Strengths & Weaknesses

Table 117. Fuel Cells Basic Information, Manufacturing Base and Competitors

Table 118. Fuel Cells Major Business

Table 119. Fuel Cells Membrane Electrode Gas Diffusion Layer Product and Services

Table 120. Fuel Cells Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Fuel Cells Recent Developments/Updates

Table 122. Fuel Cells Competitive Strengths & Weaknesses

Table 123. MeliCon Basic Information, Manufacturing Base and Competitors

Table 124. MeliCon Major Business

Table 125. MeliCon Membrane Electrode Gas Diffusion Layer Product and Services

Table 126. MeliCon Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. MeliCon Recent Developments/Updates

Table 128. MeliCon Competitive Strengths & Weaknesses

Table 129. Bekaert Basic Information, Manufacturing Base and Competitors

Table 130. Bekaert Major Business

Table 131. Bekaert Membrane Electrode Gas Diffusion Layer Product and Services

Table 132. Bekaert Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Bekaert Recent Developments/Updates

Table 134. Bekaert Competitive Strengths & Weaknesses

Table 135. Krayden Basic Information, Manufacturing Base and Competitors

Table 136. Krayden Major Business

Table 137. Krayden Membrane Electrode Gas Diffusion Layer Product and Services

Table 138. Krayden Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Krayden Recent Developments/Updates

Table 140. Krayden Competitive Strengths & Weaknesses

Table 141. Toho Titanium Basic Information, Manufacturing Base and Competitors

Table 142. Toho Titanium Major Business

Table 143. Toho Titanium Membrane Electrode Gas Diffusion Layer Product and Services

Table 144. Toho Titanium Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Toho Titanium Recent Developments/Updates

Table 146. Toho Titanium Competitive Strengths & Weaknesses

Table 147. Cetech Basic Information, Manufacturing Base and Competitors

Table 148. Cetech Major Business

Table 149. Cetech Membrane Electrode Gas Diffusion Layer Product and Services

Table 150. Cetech Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Cetech Recent Developments/Updates

Table 152. Cetech Competitive Strengths & Weaknesses

Table 153. Shanghai Tanji Group Basic Information, Manufacturing Base and Competitors

Table 154. Shanghai Tanji Group Major Business

Table 155. Shanghai Tanji Group Membrane Electrode Gas Diffusion Layer Product and Services

Table 156. Shanghai Tanji Group Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Shanghai Tanji Group Recent Developments/Updates

Table 158. Shanghai Tanji Group Competitive Strengths & Weaknesses

Table 159. Zhejiang Jiuyu Technology Basic Information, Manufacturing Base and Competitors

Table 160. Zhejiang Jiuyu Technology Major Business

Table 161. Zhejiang Jiuyu Technology Membrane Electrode Gas Diffusion Layer Product and Services

Table 162. Zhejiang Jiuyu Technology Membrane Electrode Gas Diffusion Layer

Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Zhejiang Jiuyu Technology Recent Developments/Updates

Table 164. Zhejiang Jiuyu Technology Competitive Strengths & Weaknesses

Table 165. Zhejiang Filter Technology Basic Information, Manufacturing Base and Competitors

Table 166. Zhejiang Filter Technology Major Business

Table 167. Zhejiang Filter Technology Membrane Electrode Gas Diffusion Layer Product and Services

Table 168. Zhejiang Filter Technology Membrane Electrode Gas Diffusion Layer Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Zhejiang Filter Technology Recent Developments/Updates

Table 170. Zhejiang Filter Technology Competitive Strengths & Weaknesses

Table 171. Global Key Players of Membrane Electrode Gas Diffusion Layer Upstream (Raw Materials)

Table 172. Global Membrane Electrode Gas Diffusion Layer Typical Customers

Table 173. Membrane Electrode Gas Diffusion Layer Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Membrane Electrode Gas Diffusion Layer Picture

Figure 2. World Membrane Electrode Gas Diffusion Layer Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Membrane Electrode Gas Diffusion Layer Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Membrane Electrode Gas Diffusion Layer Production (2021-2032) & (K Sqm)

Figure 5. World Membrane Electrode Gas Diffusion Layer Average Price (2021-2032) & (US\$/Sq m)

Figure 6. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Region (2021-2032)

Figure 7. World Membrane Electrode Gas Diffusion Layer Production Market Share by Region (2021-2032)

Figure 8. North America Membrane Electrode Gas Diffusion Layer Production (2021-2032) & (K Sqm)

Figure 9. Europe Membrane Electrode Gas Diffusion Layer Production (2021-2032) & (K Sqm)

Figure 10. China Membrane Electrode Gas Diffusion Layer Production (2021-2032) & (K Sqm)

Figure 11. Japan Membrane Electrode Gas Diffusion Layer Production (2021-2032) & (K Sqm)

Figure 12. Membrane Electrode Gas Diffusion Layer Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 15. World Membrane Electrode Gas Diffusion Layer Consumption Market Share by Region (2021-2032)

Figure 16. United States Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 17. China Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 18. Europe Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 19. Japan Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 20. South Korea Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 21. ASEAN Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 22. India Membrane Electrode Gas Diffusion Layer Consumption (2021-2032) & (K Sqm)

Figure 23. Producer Shipments of Membrane Electrode Gas Diffusion Layer by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Membrane Electrode Gas Diffusion Layer Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Membrane Electrode Gas Diffusion Layer Markets in 2025

Figure 26. United States VS China: Membrane Electrode Gas Diffusion Layer Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Membrane Electrode Gas Diffusion Layer Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Membrane Electrode Gas Diffusion Layer Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Market Share 2025

Figure 30. China Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Membrane Electrode Gas Diffusion Layer Production Market Share 2025

Figure 32. World Membrane Electrode Gas Diffusion Layer Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Type in 2025

Figure 34. Carbon Paper

Figure 35. Carbon Cloth

Figure 36. World Membrane Electrode Gas Diffusion Layer Production Market Share by Type (2021-2032)

Figure 37. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Type (2021-2032)

Figure 38. World Membrane Electrode Gas Diffusion Layer Average Price by Type (2021-2032) & (US\$/Sq m)

Figure 39. World Membrane Electrode Gas Diffusion Layer Production Value by Structural Design, (USD Million), 2021 & 2025 & 2032

Figure 40. World Membrane Electrode Gas Diffusion Layer Production Value Market

Share by Structural Design in 2025

Figure 41. Single-layer GDL

Figure 42. Dual-layer GDL

Figure 43. World Membrane Electrode Gas Diffusion Layer Production Market Share by Structural Design (2021-2032)

Figure 44. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Structural Design (2021-2032)

Figure 45. World Membrane Electrode Gas Diffusion Layer Average Price by Structural Design (2021-2032) & (US\$/Sq m)

Figure 46. World Membrane Electrode Gas Diffusion Layer Production Value by Surface Coating, (USD Million), 2021 & 2025 & 2032

Figure 47. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Surface Coating in 2025

Figure 48. PTFE-treated

Figure 49. Carbon-coated

Figure 50. Graphite-coated

Figure 51. World Membrane Electrode Gas Diffusion Layer Production Market Share by Surface Coating (2021-2032)

Figure 52. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Surface Coating (2021-2032)

Figure 53. World Membrane Electrode Gas Diffusion Layer Average Price by Surface Coating (2021-2032) & (US\$/Sq m)

Figure 54. World Membrane Electrode Gas Diffusion Layer Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Application in 2025

Figure 56. Polymer Electrolyte Fuel Cells

Figure 57. Hydrogen / Oxygen Air Fuel Cells

Figure 58. Direct Methanol Fuel Cells

Figure 59. Others

Figure 60. World Membrane Electrode Gas Diffusion Layer Production Market Share by Application (2021-2032)

Figure 61. World Membrane Electrode Gas Diffusion Layer Production Value Market Share by Application (2021-2032)

Figure 62. World Membrane Electrode Gas Diffusion Layer Average Price by Application (2021-2032) & (US\$/Sq m)

Figure 63. Membrane Electrode Gas Diffusion Layer Industry Chain

Figure 64. Membrane Electrode Gas Diffusion Layer Procurement Model

Figure 65. Membrane Electrode Gas Diffusion Layer Sales Model

Figure 66. Membrane Electrode Gas Diffusion Layer Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Membrane Electrode Gas Diffusion Layer Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GDBC33B4B4D2EN.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/GDBC33B4B4D2EN.html>