

# Global Automotive Fuel Cell Separator Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

<https://marketpublishers.com/r/G2D64127B02EN.html>

Date: July 2022

Pages: 111

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

ID: G2D64127B02EN

## Abstracts

The Automotive Fuel Cell Separator market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our (Global Info Research) latest study, due to COVID-19 pandemic, the global Automotive Fuel Cell Separator market size is estimated to be worth US\$ million in 2021 and is forecast to a readjusted size of USD million by 2028 with a CAGR of % during review period. Passenger Cars accounting for % of the Automotive Fuel Cell Separator global market in 2021, is projected to value USD million by 2028, growing at a % CAGR in next six years. While PEM Membrane segment is altered to a % CAGR between 2022 and 2028.

Global key manufacturers of Automotive Fuel Cell Separator include Dai Nippon Printing (Japan), Dana (USA), Toyota Boshoku (Japan), Hitachi Metals (Japan), and NOK (Japan), etc. In terms of revenue, the global top four players hold a share over % in 2021.

### Market segmentation

Automotive Fuel Cell Separator market is split by Type and by Application. For the period 2017-2028, the growth among segments provide accurate calculations and forecasts for sales 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, covers

PEM Membrane

Synthetic Fabric Membrane

Track-Etch Membrane

Market segment by Application can be divided into

Passenger Cars

Commercial Vehicles

The key market players for global Automotive Fuel Cell Separator market are listed below:

Dai Nippon Printing (Japan)

Dana (USA)

Toyota Boshoku (Japan)

Hitachi Metals (Japan)

NOK (Japan)

Nisshinbo Holdings (Japan)

H-ONE (Japan)

FJ Composite Materials (Japan)

Kouki Kasei (Japan)

NISHIMURA (Japan)

Panasonic Automotive & Industrial Systems (Japan)

Porite (Japan)

SEIKOH GIKEN (Japan)

Showa Denko (Japan)

SYVEC (Japan)

Taiyo Wire Cloth (Japan)

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 Automotive Fuel Cell Separator product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of Automotive Fuel Cell Separator, with price, sales, revenue and global market share of Automotive Fuel Cell Separator from 2019 to 2022.

Chapter 3, the Automotive Fuel Cell Separator competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Fuel Cell Separator breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2017 to 2028.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2017 to 2028.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2017 to 2022. and Automotive Fuel Cell Separator market forecast, by regions, type and application, with sales and revenue, from 2023 to 2028.

Chapter 12, the key raw materials and key suppliers, and industry chain of Automotive Fuel Cell Separator.

Chapter 13, 14, and 15, to describe Automotive Fuel Cell Separator sales channel, distributors, customers, research findings and conclusion, appendix and data source.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Automotive Fuel Cell Separator Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Overview: Global Automotive Fuel Cell Separator Revenue by Type: 2017 Versus 2021 Versus 2028
  - 1.2.2 PEM Membrane
  - 1.2.3 Synthetic Fabric Membrane
  - 1.2.4 Track-Etch Membrane
- 1.3 Market Analysis by Application
  - 1.3.1 Overview: Global Automotive Fuel Cell Separator Revenue by Application: 2017 Versus 2021 Versus 2028
  - 1.3.2 Passenger Cars
  - 1.3.3 Commercial Vehicles
- 1.4 Global Automotive Fuel Cell Separator Market Size & Forecast
  - 1.4.1 Global Automotive Fuel Cell Separator Sales in Value (2017 & 2021 & 2028)
  - 1.4.2 Global Automotive Fuel Cell Separator Sales in Volume (2017-2028)
  - 1.4.3 Global Automotive Fuel Cell Separator Price (2017-2028)
- 1.5 Global Automotive Fuel Cell Separator Production Capacity Analysis
  - 1.5.1 Global Automotive Fuel Cell Separator Total Production Capacity (2017-2028)
  - 1.5.2 Global Automotive Fuel Cell Separator Production Capacity by Geographic Region
- 1.6 Market Drivers, Restraints and Trends
  - 1.6.1 Automotive Fuel Cell Separator Market Drivers
  - 1.6.2 Automotive Fuel Cell Separator Market Restraints
  - 1.6.3 Automotive Fuel Cell Separator Trends Analysis

### 2 MANUFACTURERS PROFILES

- 2.1 Dai Nippon Printing (Japan)
  - 2.1.1 Dai Nippon Printing (Japan) Details
  - 2.1.2 Dai Nippon Printing (Japan) Major Business
  - 2.1.3 Dai Nippon Printing (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.1.4 Dai Nippon Printing (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.2 Dana (USA)

- 2.2.1 Dana (USA) Details
- 2.2.2 Dana (USA) Major Business
- 2.2.3 Dana (USA) Automotive Fuel Cell Separator Product and Services
- 2.2.4 Dana (USA) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.3 Toyota Boshoku (Japan)
  - 2.3.1 Toyota Boshoku (Japan) Details
  - 2.3.2 Toyota Boshoku (Japan) Major Business
  - 2.3.3 Toyota Boshoku (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.3.4 Toyota Boshoku (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.4 Hitachi Metals (Japan)
  - 2.4.1 Hitachi Metals (Japan) Details
  - 2.4.2 Hitachi Metals (Japan) Major Business
  - 2.4.3 Hitachi Metals (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.4.4 Hitachi Metals (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.5 NOK (Japan)
  - 2.5.1 NOK (Japan) Details
  - 2.5.2 NOK (Japan) Major Business
  - 2.5.3 NOK (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.5.4 NOK (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.6 Nisshinbo Holdings (Japan)
  - 2.6.1 Nisshinbo Holdings (Japan) Details
  - 2.6.2 Nisshinbo Holdings (Japan) Major Business
  - 2.6.3 Nisshinbo Holdings (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.6.4 Nisshinbo Holdings (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.7 H-ONE (Japan)
  - 2.7.1 H-ONE (Japan) Details
  - 2.7.2 H-ONE (Japan) Major Business
  - 2.7.3 H-ONE (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.7.4 H-ONE (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.8 FJ Composite Materials (Japan)
  - 2.8.1 FJ Composite Materials (Japan) Details
  - 2.8.2 FJ Composite Materials (Japan) Major Business

2.8.3 FJ Composite Materials (Japan) Automotive Fuel Cell Separator Product and Services

2.8.4 FJ Composite Materials (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.9 Kouki Kasei (Japan)

2.9.1 Kouki Kasei (Japan) Details

2.9.2 Kouki Kasei (Japan) Major Business

2.9.3 Kouki Kasei (Japan) Automotive Fuel Cell Separator Product and Services

2.9.4 Kouki Kasei (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.10 NISHIMURA (Japan)

2.10.1 NISHIMURA (Japan) Details

2.10.2 NISHIMURA (Japan) Major Business

2.10.3 NISHIMURA (Japan) Automotive Fuel Cell Separator Product and Services

2.10.4 NISHIMURA (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.11 Panasonic Automotive & Industrial Systems (Japan)

2.11.1 Panasonic Automotive & Industrial Systems (Japan) Details

2.11.2 Panasonic Automotive & Industrial Systems (Japan) Major Business

2.11.3 Panasonic Automotive & Industrial Systems (Japan) Automotive Fuel Cell Separator Product and Services

2.11.4 Panasonic Automotive & Industrial Systems (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.12 Porite (Japan)

2.12.1 Porite (Japan) Details

2.12.2 Porite (Japan) Major Business

2.12.3 Porite (Japan) Automotive Fuel Cell Separator Product and Services

2.12.4 Porite (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.13 SEIKOH GIKEN (Japan)

2.13.1 SEIKOH GIKEN (Japan) Details

2.13.2 SEIKOH GIKEN (Japan) Major Business

2.13.3 SEIKOH GIKEN (Japan) Automotive Fuel Cell Separator Product and Services

2.13.4 SEIKOH GIKEN (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.14 Showa Denko (Japan)

2.14.1 Showa Denko (Japan) Details

2.14.2 Showa Denko (Japan) Major Business



- 2.14.3 Showa Denko (Japan) Automotive Fuel Cell Separator Product and Services
- 2.14.4 Showa Denko (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.15 SYVEC (Japan)
  - 2.15.1 SYVEC (Japan) Details
  - 2.15.2 SYVEC (Japan) Major Business
  - 2.15.3 SYVEC (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.15.4 SYVEC (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.16 Taiyo Wire Cloth (Japan)
  - 2.16.1 Taiyo Wire Cloth (Japan) Details
  - 2.16.2 Taiyo Wire Cloth (Japan) Major Business
  - 2.16.3 Taiyo Wire Cloth (Japan) Automotive Fuel Cell Separator Product and Services
  - 2.16.4 Taiyo Wire Cloth (Japan) Automotive Fuel Cell Separator Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

### **3 AUTOMOTIVE FUEL CELL SEPARATOR BREAKDOWN DATA BY MANUFACTURER**

- 3.1 Global Automotive Fuel Cell Separator Sales in Volume by Manufacturer (2019, 2020, 2021, and 2022)
- 3.2 Global Automotive Fuel Cell Separator Revenue by Manufacturer (2019, 2020, 2021, and 2022)
- 3.3 Key Manufacturer Market Position in Automotive Fuel Cell Separator
- 3.4 Market Concentration Rate
  - 3.4.1 Top 3 Automotive Fuel Cell Separator Manufacturer Market Share in 2021
  - 3.4.2 Top 6 Automotive Fuel Cell Separator Manufacturer Market Share in 2021
- 3.5 Global Automotive Fuel Cell Separator Production Capacity by Company: 2021 VS 2022
- 3.6 Manufacturer by Geography: Head Office and Automotive Fuel Cell Separator Production Site
- 3.7 New Entrant and Capacity Expansion Plans
- 3.8 Mergers & Acquisitions

### **4 MARKET ANALYSIS BY REGION**

- 4.1 Global Automotive Fuel Cell Separator Market Size by Region
  - 4.1.1 Global Automotive Fuel Cell Separator Sales in Volume by Region (2017-2028)
  - 4.1.2 Global Automotive Fuel Cell Separator Revenue by Region (2017-2028)



- 4.2 North America Automotive Fuel Cell Separator Revenue (2017-2028)
- 4.3 Europe Automotive Fuel Cell Separator Revenue (2017-2028)
- 4.4 Asia-Pacific Automotive Fuel Cell Separator Revenue (2017-2028)
- 4.5 South America Automotive Fuel Cell Separator Revenue (2017-2028)
- 4.6 Middle East and Africa Automotive Fuel Cell Separator Revenue (2017-2028)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Automotive Fuel Cell Separator Sales in Volume by Type (2017-2028)
- 5.2 Global Automotive Fuel Cell Separator Revenue by Type (2017-2028)
- 5.3 Global Automotive Fuel Cell Separator Price by Type (2017-2028)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Automotive Fuel Cell Separator Sales in Volume by Application (2017-2028)
- 6.2 Global Automotive Fuel Cell Separator Revenue by Application (2017-2028)
- 6.3 Global Automotive Fuel Cell Separator Price by Application (2017-2028)

## **7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

- 7.1 North America Automotive Fuel Cell Separator Sales by Type (2017-2028)
- 7.2 North America Automotive Fuel Cell Separator Sales by Application (2017-2028)
- 7.3 North America Automotive Fuel Cell Separator Market Size by Country
  - 7.3.1 North America Automotive Fuel Cell Separator Sales in Volume by Country (2017-2028)
  - 7.3.2 North America Automotive Fuel Cell Separator Revenue by Country (2017-2028)
  - 7.3.3 United States Market Size and Forecast (2017-2028)
  - 7.3.4 Canada Market Size and Forecast (2017-2028)
  - 7.3.5 Mexico Market Size and Forecast (2017-2028)

## **8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION**

- 8.1 Europe Automotive Fuel Cell Separator Sales by Type (2017-2028)
- 8.2 Europe Automotive Fuel Cell Separator Sales by Application (2017-2028)
- 8.3 Europe Automotive Fuel Cell Separator Market Size by Country
  - 8.3.1 Europe Automotive Fuel Cell Separator Sales in Volume by Country (2017-2028)
  - 8.3.2 Europe Automotive Fuel Cell Separator Revenue by Country (2017-2028)
  - 8.3.3 Germany Market Size and Forecast (2017-2028)
  - 8.3.4 France Market Size and Forecast (2017-2028)

8.3.5 United Kingdom Market Size and Forecast (2017-2028)

8.3.6 Russia Market Size and Forecast (2017-2028)

8.3.7 Italy Market Size and Forecast (2017-2028)

## **9 ASIA-PACIFIC BY REGION, BY TYPE, AND BY APPLICATION**

9.1 Asia-Pacific Automotive Fuel Cell Separator Sales by Type (2017-2028)

9.2 Asia-Pacific Automotive Fuel Cell Separator Sales by Application (2017-2028)

9.3 Asia-Pacific Automotive Fuel Cell Separator Market Size by Region

9.3.1 Asia-Pacific Automotive Fuel Cell Separator Sales in Volume by Region (2017-2028)

9.3.2 Asia-Pacific Automotive Fuel Cell Separator Revenue by Region (2017-2028)

9.3.3 China Market Size and Forecast (2017-2028)

9.3.4 Japan Market Size and Forecast (2017-2028)

9.3.5 Korea Market Size and Forecast (2017-2028)

9.3.6 India Market Size and Forecast (2017-2028)

9.3.7 Southeast Asia Market Size and Forecast (2017-2028)

9.3.8 Australia Market Size and Forecast (2017-2028)

## **10 SOUTH AMERICA BY REGION, BY TYPE, AND BY APPLICATION**

10.1 South America Automotive Fuel Cell Separator Sales by Type (2017-2028)

10.2 South America Automotive Fuel Cell Separator Sales by Application (2017-2028)

10.3 South America Automotive Fuel Cell Separator Market Size by Country

10.3.1 South America Automotive Fuel Cell Separator Sales in Volume by Country (2017-2028)

10.3.2 South America Automotive Fuel Cell Separator Revenue by Country (2017-2028)

10.3.3 Brazil Market Size and Forecast (2017-2028)

10.3.4 Argentina Market Size and Forecast (2017-2028)

## **11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

11.1 Middle East & Africa Automotive Fuel Cell Separator Sales by Type (2017-2028)

11.2 Middle East & Africa Automotive Fuel Cell Separator Sales by Application (2017-2028)

11.3 Middle East & Africa Automotive Fuel Cell Separator Market Size by Country

11.3.1 Middle East & Africa Automotive Fuel Cell Separator Sales in Volume by Country (2017-2028)

11.3.2 Middle East & Africa Automotive Fuel Cell Separator Revenue by Country (2017-2028)

11.3.3 Turkey Market Size and Forecast (2017-2028)

11.3.4 Egypt Market Size and Forecast (2017-2028)

11.3.5 Saudi Arabia Market Size and Forecast (2017-2028)

11.3.6 South Africa Market Size and Forecast (2017-2028)

## **12 RAW MATERIAL AND INDUSTRY CHAIN**

12.1 Raw Material of Automotive Fuel Cell Separator and Key Manufacturers

12.2 Manufacturing Costs Percentage of Automotive Fuel Cell Separator

12.3 Automotive Fuel Cell Separator Production Process

12.4 Automotive Fuel Cell Separator Industrial Chain

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.2 Automotive Fuel Cell Separator Typical Distributors

13.3 Automotive Fuel Cell Separator Typical Customers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

15.1 Methodology

15.2 Research Process and Data Source

15.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Automotive Fuel Cell Separator Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 2. Global Automotive Fuel Cell Separator Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 3. Dai Nippon Printing (Japan) Basic Information, Manufacturing Base and Competitors

Table 4. Dai Nippon Printing (Japan) Major Business

Table 5. Dai Nippon Printing (Japan) Automotive Fuel Cell Separator Product and Services

Table 6. Dai Nippon Printing (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 7. Dana (USA) Basic Information, Manufacturing Base and Competitors

Table 8. Dana (USA) Major Business

Table 9. Dana (USA) Automotive Fuel Cell Separator Product and Services

Table 10. Dana (USA) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 11. Toyota Boshoku (Japan) Basic Information, Manufacturing Base and Competitors

Table 12. Toyota Boshoku (Japan) Major Business

Table 13. Toyota Boshoku (Japan) Automotive Fuel Cell Separator Product and Services

Table 14. Toyota Boshoku (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 15. Hitachi Metals (Japan) Basic Information, Manufacturing Base and Competitors

Table 16. Hitachi Metals (Japan) Major Business

Table 17. Hitachi Metals (Japan) Automotive Fuel Cell Separator Product and Services

Table 18. Hitachi Metals (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 19. NOK (Japan) Basic Information, Manufacturing Base and Competitors

Table 20. NOK (Japan) Major Business

Table 21. NOK (Japan) Automotive Fuel Cell Separator Product and Services

Table 22. NOK (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 23. Nisshinbo Holdings (Japan) Basic Information, Manufacturing Base and Competitors

Table 24. Nisshinbo Holdings (Japan) Major Business

Table 25. Nisshinbo Holdings (Japan) Automotive Fuel Cell Separator Product and Services

Table 26. Nisshinbo Holdings (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 27. H-ONE (Japan) Basic Information, Manufacturing Base and Competitors

Table 28. H-ONE (Japan) Major Business

Table 29. H-ONE (Japan) Automotive Fuel Cell Separator Product and Services

Table 30. H-ONE (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 31. FJ Composite Materials (Japan) Basic Information, Manufacturing Base and Competitors

Table 32. FJ Composite Materials (Japan) Major Business

Table 33. FJ Composite Materials (Japan) Automotive Fuel Cell Separator Product and Services

Table 34. FJ Composite Materials (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 35. Kouki Kasei (Japan) Basic Information, Manufacturing Base and Competitors

Table 36. Kouki Kasei (Japan) Major Business

Table 37. Kouki Kasei (Japan) Automotive Fuel Cell Separator Product and Services

Table 38. Kouki Kasei (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 39. NISHIMURA (Japan) Basic Information, Manufacturing Base and Competitors

Table 40. NISHIMURA (Japan) Major Business

Table 41. NISHIMURA (Japan) Automotive Fuel Cell Separator Product and Services

Table 42. NISHIMURA (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 43. Panasonic Automotive & Industrial Systems (Japan) Basic Information,

## Manufacturing Base and Competitors

Table 44. Panasonic Automotive & Industrial Systems (Japan) Major Business

Table 45. Panasonic Automotive & Industrial Systems (Japan) Automotive Fuel Cell Separator Product and Services

Table 46. Panasonic Automotive & Industrial Systems (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 47. Porite (Japan) Basic Information, Manufacturing Base and Competitors

Table 48. Porite (Japan) Major Business

Table 49. Porite (Japan) Automotive Fuel Cell Separator Product and Services

Table 50. Porite (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 51. SEIKOH GIKEN (Japan) Basic Information, Manufacturing Base and Competitors

Table 52. SEIKOH GIKEN (Japan) Major Business

Table 53. SEIKOH GIKEN (Japan) Automotive Fuel Cell Separator Product and Services

Table 54. SEIKOH GIKEN (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 55. Showa Denko (Japan) Basic Information, Manufacturing Base and Competitors

Table 56. Showa Denko (Japan) Major Business

Table 57. Showa Denko (Japan) Automotive Fuel Cell Separator Product and Services

Table 58. Showa Denko (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 59. SYVEC (Japan) Basic Information, Manufacturing Base and Competitors

Table 60. SYVEC (Japan) Major Business

Table 61. SYVEC (Japan) Automotive Fuel Cell Separator Product and Services

Table 62. SYVEC (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 63. Taiyo Wire Cloth (Japan) Basic Information, Manufacturing Base and Competitors

Table 64. Taiyo Wire Cloth (Japan) Major Business

Table 65. Taiyo Wire Cloth (Japan) Automotive Fuel Cell Separator Product and Services



Table 66. Taiyo Wire Cloth (Japan) Automotive Fuel Cell Separator Sales (K Units), Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 67. Global Automotive Fuel Cell Separator Sales by Manufacturer (2019, 2020, 2021, and 2022) & (K Units)

Table 68. Global Automotive Fuel Cell Separator Revenue by Manufacturer (2019, 2020, 2021, and 2022) & (USD Million)

Table 69. Market Position of Manufacturers in Automotive Fuel Cell Separator, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2021

Table 70. Global Automotive Fuel Cell Separator Production Capacity by Company, (K Units): 2020 VS 2021

Table 71. Head Office and Automotive Fuel Cell Separator Production Site of Key Manufacturer

Table 72. Automotive Fuel Cell Separator New Entrant and Capacity Expansion Plans

Table 73. Automotive Fuel Cell Separator Mergers & Acquisitions in the Past Five Years

Table 74. Global Automotive Fuel Cell Separator Sales by Region (2017-2022) & (K Units)

Table 75. Global Automotive Fuel Cell Separator Sales by Region (2023-2028) & (K Units)

Table 76. Global Automotive Fuel Cell Separator Revenue by Region (2017-2022) & (USD Million)

Table 77. Global Automotive Fuel Cell Separator Revenue by Region (2023-2028) & (USD Million)

Table 78. Global Automotive Fuel Cell Separator Sales by Type (2017-2022) & (K Units)

Table 79. Global Automotive Fuel Cell Separator Sales by Type (2023-2028) & (K Units)

Table 80. Global Automotive Fuel Cell Separator Revenue by Type (2017-2022) & (USD Million)

Table 81. Global Automotive Fuel Cell Separator Revenue by Type (2023-2028) & (USD Million)

Table 82. Global Automotive Fuel Cell Separator Price by Type (2017-2022) & (USD/Unit)

Table 83. Global Automotive Fuel Cell Separator Price by Type (2023-2028) & (USD/Unit)

Table 84. Global Automotive Fuel Cell Separator Sales by Application (2017-2022) & (K Units)

Table 85. Global Automotive Fuel Cell Separator Sales by Application (2023-2028) & (K Units)

Table 86. Global Automotive Fuel Cell Separator Revenue by Application (2017-2022) & (USD Million)



Table 87. Global Automotive Fuel Cell Separator Revenue by Application (2023-2028) & (USD Million)

Table 88. Global Automotive Fuel Cell Separator Price by Application (2017-2022) & (USD/Unit)

Table 89. Global Automotive Fuel Cell Separator Price by Application (2023-2028) & (USD/Unit)

Table 90. North America Automotive Fuel Cell Separator Sales by Country (2017-2022) & (K Units)

Table 91. North America Automotive Fuel Cell Separator Sales by Country (2023-2028) & (K Units)

Table 92. North America Automotive Fuel Cell Separator Revenue by Country (2017-2022) & (USD Million)

Table 93. North America Automotive Fuel Cell Separator Revenue by Country (2023-2028) & (USD Million)

Table 94. North America Automotive Fuel Cell Separator Sales by Type (2017-2022) & (K Units)

Table 95. North America Automotive Fuel Cell Separator Sales by Type (2023-2028) & (K Units)

Table 96. North America Automotive Fuel Cell Separator Sales by Application (2017-2022) & (K Units)

Table 97. North America Automotive Fuel Cell Separator Sales by Application (2023-2028) & (K Units)

Table 98. Europe Automotive Fuel Cell Separator Sales by Country (2017-2022) & (K Units)

Table 99. Europe Automotive Fuel Cell Separator Sales by Country (2023-2028) & (K Units)

Table 100. Europe Automotive Fuel Cell Separator Revenue by Country (2017-2022) & (USD Million)

Table 101. Europe Automotive Fuel Cell Separator Revenue by Country (2023-2028) & (USD Million)

Table 102. Europe Automotive Fuel Cell Separator Sales by Type (2017-2022) & (K Units)

Table 103. Europe Automotive Fuel Cell Separator Sales by Type (2023-2028) & (K Units)

Table 104. Europe Automotive Fuel Cell Separator Sales by Application (2017-2022) & (K Units)

Table 105. Europe Automotive Fuel Cell Separator Sales by Application (2023-2028) & (K Units)

Table 106. Asia-Pacific Automotive Fuel Cell Separator Sales by Region (2017-2022) &

(K Units)

Table 107. Asia-Pacific Automotive Fuel Cell Separator Sales by Region (2023-2028) & (K Units)

Table 108. Asia-Pacific Automotive Fuel Cell Separator Revenue by Region (2017-2022) & (USD Million)

Table 109. Asia-Pacific Automotive Fuel Cell Separator Revenue by Region (2023-2028) & (USD Million)

Table 110. Asia-Pacific Automotive Fuel Cell Separator Sales by Type (2017-2022) & (K Units)

Table 111. Asia-Pacific Automotive Fuel Cell Separator Sales by Type (2023-2028) & (K Units)

Table 112. Asia-Pacific Automotive Fuel Cell Separator Sales by Application (2017-2022) & (K Units)

Table 113. Asia-Pacific Automotive Fuel Cell Separator Sales by Application (2023-2028) & (K Units)

Table 114. South America Automotive Fuel Cell Separator Sales by Country (2017-2022) & (K Units)

Table 115. South America Automotive Fuel Cell Separator Sales by Country (2023-2028) & (K Units)

Table 116. South America Automotive Fuel Cell Separator Revenue by Country (2017-2022) & (USD Million)

Table 117. South America Automotive Fuel Cell Separator Revenue by Country (2023-2028) & (USD Million)

Table 118. South America Automotive Fuel Cell Separator Sales by Type (2017-2022) & (K Units)

Table 119. South America Automotive Fuel Cell Separator Sales by Type (2023-2028) & (K Units)

Table 120. South America Automotive Fuel Cell Separator Sales by Application (2017-2022) & (K Units)

Table 121. South America Automotive Fuel Cell Separator Sales by Application (2023-2028) & (K Units)

Table 122. Middle East & Africa Automotive Fuel Cell Separator Sales by Region (2017-2022) & (K Units)

Table 123. Middle East & Africa Automotive Fuel Cell Separator Sales by Region (2023-2028) & (K Units)

Table 124. Middle East & Africa Automotive Fuel Cell Separator Revenue by Region (2017-2022) & (USD Million)

Table 125. Middle East & Africa Automotive Fuel Cell Separator Revenue by Region (2023-2028) & (USD Million)

Table 126. Middle East & Africa Automotive Fuel Cell Separator Sales by Type  
(2017-2022) & (K Units)

Table 127. Middle East & Africa Automotive Fuel Cell Separator Sales by Type  
(2023-2028) & (K Units)

Table 128. Middle East & Africa Automotive Fuel Cell Separator Sales by Application  
(2017-2022) & (K Units)

Table 129. Middle East & Africa Automotive Fuel Cell Separator Sales by Application  
(2023-2028) & (K Units)

Table 130. Automotive Fuel Cell Separator Raw Material

Table 131. Key Manufacturers of Automotive Fuel Cell Separator Raw Materials

Table 132. Direct Channel Pros & Cons

Table 133. Indirect Channel Pros & Cons

Table 134. Automotive Fuel Cell Separator Typical Distributors

Table 135. Automotive Fuel Cell Separator Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Automotive Fuel Cell Separator Picture

Figure 2. Global Automotive Fuel Cell Separator Revenue Market Share by Type in 2021

Figure 3. PEM Membrane

Figure 4. Synthetic Fabric Membrane

Figure 5. Track-Etch Membrane

Figure 6. Global Automotive Fuel Cell Separator Revenue Market Share by Application in 2021

Figure 7. Passenger Cars

Figure 8. Commercial Vehicles

Figure 9. Global Automotive Fuel Cell Separator Revenue, (USD Million) & (K Units): 2017 & 2021 & 2028

Figure 10. Global Automotive Fuel Cell Separator Revenue and Forecast (2017-2028) & (USD Million)

Figure 11. Global Automotive Fuel Cell Separator Sales (2017-2028) & (K Units)

Figure 12. Global Automotive Fuel Cell Separator Price (2017-2028) & (USD/Unit)

Figure 13. Global Automotive Fuel Cell Separator Production Capacity (2017-2028) & (K Units)

Figure 14. Global Automotive Fuel Cell Separator Production Capacity by Geographic Region: 2022 VS 2028

Figure 15. Automotive Fuel Cell Separator Market Drivers

Figure 16. Automotive Fuel Cell Separator Market Restraints

Figure 17. Automotive Fuel Cell Separator Market Trends

Figure 18. Global Automotive Fuel Cell Separator Sales Market Share by Manufacturer in 2021

Figure 19. Global Automotive Fuel Cell Separator Revenue Market Share by Manufacturer in 2021

Figure 20. Automotive Fuel Cell Separator Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2021

Figure 21. Top 3 Automotive Fuel Cell Separator Manufacturer (Revenue) Market Share in 2021

Figure 22. Top 6 Automotive Fuel Cell Separator Manufacturer (Revenue) Market Share in 2021

Figure 23. Global Automotive Fuel Cell Separator Sales Market Share by Region (2017-2028)

Figure 24. Global Automotive Fuel Cell Separator Revenue Market Share by Region (2017-2028)

Figure 25. North America Automotive Fuel Cell Separator Revenue (2017-2028) & (USD Million)

Figure 26. Europe Automotive Fuel Cell Separator Revenue (2017-2028) & (USD Million)

Figure 27. Asia-Pacific Automotive Fuel Cell Separator Revenue (2017-2028) & (USD Million)

Figure 28. South America Automotive Fuel Cell Separator Revenue (2017-2028) & (USD Million)

Figure 29. Middle East & Africa Automotive Fuel Cell Separator Revenue (2017-2028) & (USD Million)

Figure 30. Global Automotive Fuel Cell Separator Sales Market Share by Type (2017-2028)

Figure 31. Global Automotive Fuel Cell Separator Revenue Market Share by Type (2017-2028)

Figure 32. Global Automotive Fuel Cell Separator Price by Type (2017-2028) & (USD/Unit)

Figure 33. Global Automotive Fuel Cell Separator Sales Market Share by Application (2017-2028)

Figure 34. Global Automotive Fuel Cell Separator Revenue Market Share by Application (2017-2028)

Figure 35. Global Automotive Fuel Cell Separator Price by Application (2017-2028) & (USD/Unit)

Figure 36. North America Automotive Fuel Cell Separator Sales Market Share by Type (2017-2028)

Figure 37. North America Automotive Fuel Cell Separator Sales Market Share by Application (2017-2028)

Figure 38. North America Automotive Fuel Cell Separator Sales Market Share by Country (2017-2028)

Figure 39. North America Automotive Fuel Cell Separator Revenue Market Share by Country (2017-2028)

Figure 40. United States Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 41. Canada Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 42. Mexico Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 43. Europe Automotive Fuel Cell Separator Sales Market Share by Type

(2017-2028)

Figure 44. Europe Automotive Fuel Cell Separator Sales Market Share by Application (2017-2028)

Figure 45. Europe Automotive Fuel Cell Separator Sales Market Share by Country (2017-2028)

Figure 46. Europe Automotive Fuel Cell Separator Revenue Market Share by Country (2017-2028)

Figure 47. Germany Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 48. France Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 49. United Kingdom Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 50. Russia Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 51. Italy Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 52. Asia-Pacific Automotive Fuel Cell Separator Sales Market Share by Region (2017-2028)

Figure 53. Asia-Pacific Automotive Fuel Cell Separator Sales Market Share by Application (2017-2028)

Figure 54. Asia-Pacific Automotive Fuel Cell Separator Sales Market Share by Region (2017-2028)

Figure 55. Asia-Pacific Automotive Fuel Cell Separator Revenue Market Share by Region (2017-2028)

Figure 56. China Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 57. Japan Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 58. Korea Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 59. India Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 60. Southeast Asia Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 61. Australia Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 62. South America Automotive Fuel Cell Separator Sales Market Share by Type (2017-2028)



Figure 63. South America Automotive Fuel Cell Separator Sales Market Share by Application (2017-2028)

Figure 64. South America Automotive Fuel Cell Separator Sales Market Share by Country (2017-2028)

Figure 65. South America Automotive Fuel Cell Separator Revenue Market Share by Country (2017-2028)

Figure 66. Brazil Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 67. Argentina Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 68. Middle East & Africa Automotive Fuel Cell Separator Sales Market Share by Type (2017-2028)

Figure 69. Middle East & Africa Automotive Fuel Cell Separator Sales Market Share by Application (2017-2028)

Figure 70. Middle East & Africa Automotive Fuel Cell Separator Sales Market Share by Region (2017-2028)

Figure 71. Middle East & Africa Automotive Fuel Cell Separator Revenue Market Share by Region (2017-2028)

Figure 72. Turkey Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 73. Egypt Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 74. Saudi Arabia Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 75. South Africa Automotive Fuel Cell Separator Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 76. Manufacturing Cost Structure Analysis of Automotive Fuel Cell Separator in 2021

Figure 77. Manufacturing Process Analysis of Automotive Fuel Cell Separator

Figure 78. Automotive Fuel Cell Separator Industrial Chain

Figure 79. Sales Channel: Direct Channel vs Indirect Channel

Figure 80. Methodology

Figure 81. Research Process and Data Source



## I would like to order

Product name: Global Automotive Fuel Cell Separator Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

Product link: <https://marketpublishers.com/r/G2D64127B02EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2D64127B02EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

