

Global PVDF Membrane for Battery Market Growth 2023-2029

<https://marketpublishers.com/r/G03AA63C31E2EN.html>

Date: January 2023

Pages: 111

Price: US\$ 3,660.00 (Single User License)

ID: G03AA63C31E2EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The PVDF Membrane for Battery has good absorptivity to liquid electrolyte, has good wetting and liquid absorption and retention capacity, extends the cycle life of battery, increases the large rate discharge performance of battery, and improves the output capacity of battery.

LPI (LP Information)' newest research report, the "PVDF Membrane for Battery Industry Forecast" looks at past sales and reviews total world PVDF Membrane for Battery sales in 2022, providing a comprehensive analysis by region and market sector of projected PVDF Membrane for Battery sales for 2023 through 2029. With PVDF Membrane for Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PVDF Membrane for Battery industry.

This Insight Report provides a comprehensive analysis of the global PVDF Membrane for Battery landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PVDF Membrane for Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PVDF Membrane for Battery market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PVDF Membrane for Battery and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-

up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PVDF Membrane for Battery.

The global PVDF Membrane for Battery market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for PVDF Membrane for Battery is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for PVDF Membrane for Battery is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for PVDF Membrane for Battery is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key PVDF Membrane for Battery players cover Arkema, Merck, Koch Membrane Systems, Bio-Rad Laboratories, General Electric, CITIC Envirotech, Thermo Fisher, Toray Industries and Pentair, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of PVDF Membrane for Battery market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Aqueous

Oily

Segmentation by application

Fuel Cell

Lithium Battery

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Arkema

Merck

Koch Membrane Systems

Bio-Rad Laboratories

General Electric

CITIC Envirotech

Thermo Fisher

Toray Industries

Pentair

Pall Corporation

Solvay

Kureha Corporation

Welch Fluorocarbon Inc.

HIUV New Materials Co., Ltd.

Polyflon Company

Key Questions Addressed in this Report

What is the 10-year outlook for the global PVDF Membrane for Battery market?

What factors are driving PVDF Membrane for Battery market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PVDF Membrane for Battery market opportunities vary by end market size?

How does PVDF Membrane for Battery break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global PVDF Membrane for Battery Annual Sales 2018-2029

- 2.1.2 World Current & Future Analysis for PVDF Membrane for Battery by Geographic Region, 2018, 2022 & 2029

- 2.1.3 World Current & Future Analysis for PVDF Membrane for Battery by Country/Region, 2018, 2022 & 2029

2.2 PVDF Membrane for Battery Segment by Type

- 2.2.1 Aqueous

- 2.2.2 Oily

2.3 PVDF Membrane for Battery Sales by Type

- 2.3.1 Global PVDF Membrane for Battery Sales Market Share by Type (2018-2023)

- 2.3.2 Global PVDF Membrane for Battery Revenue and Market Share by Type (2018-2023)

- 2.3.3 Global PVDF Membrane for Battery Sale Price by Type (2018-2023)

2.4 PVDF Membrane for Battery Segment by Application

- 2.4.1 Fuel Cell

- 2.4.2 Lithium Battery

- 2.4.3 Others

2.5 PVDF Membrane for Battery Sales by Application

- 2.5.1 Global PVDF Membrane for Battery Sale Market Share by Application (2018-2023)

- 2.5.2 Global PVDF Membrane for Battery Revenue and Market Share by Application (2018-2023)

- 2.5.3 Global PVDF Membrane for Battery Sale Price by Application (2018-2023)

3 GLOBAL PVDF MEMBRANE FOR BATTERY BY COMPANY

3.1 Global PVDF Membrane for Battery Breakdown Data by Company

3.1.1 Global PVDF Membrane for Battery Annual Sales by Company (2018-2023)

3.1.2 Global PVDF Membrane for Battery Sales Market Share by Company (2018-2023)

3.2 Global PVDF Membrane for Battery Annual Revenue by Company (2018-2023)

3.2.1 Global PVDF Membrane for Battery Revenue by Company (2018-2023)

3.2.2 Global PVDF Membrane for Battery Revenue Market Share by Company (2018-2023)

3.3 Global PVDF Membrane for Battery Sale Price by Company

3.4 Key Manufacturers PVDF Membrane for Battery Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers PVDF Membrane for Battery Product Location Distribution

3.4.2 Players PVDF Membrane for Battery Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PVDF MEMBRANE FOR BATTERY BY GEOGRAPHIC REGION

4.1 World Historic PVDF Membrane for Battery Market Size by Geographic Region (2018-2023)

4.1.1 Global PVDF Membrane for Battery Annual Sales by Geographic Region (2018-2023)

4.1.2 Global PVDF Membrane for Battery Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic PVDF Membrane for Battery Market Size by Country/Region (2018-2023)

4.2.1 Global PVDF Membrane for Battery Annual Sales by Country/Region (2018-2023)

4.2.2 Global PVDF Membrane for Battery Annual Revenue by Country/Region (2018-2023)

4.3 Americas PVDF Membrane for Battery Sales Growth

4.4 APAC PVDF Membrane for Battery Sales Growth

4.5 Europe PVDF Membrane for Battery Sales Growth

4.6 Middle East & Africa PVDF Membrane for Battery Sales Growth

5 AMERICAS

5.1 Americas PVDF Membrane for Battery Sales by Country

5.1.1 Americas PVDF Membrane for Battery Sales by Country (2018-2023)

5.1.2 Americas PVDF Membrane for Battery Revenue by Country (2018-2023)

5.2 Americas PVDF Membrane for Battery Sales by Type

5.3 Americas PVDF Membrane for Battery Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC PVDF Membrane for Battery Sales by Region

6.1.1 APAC PVDF Membrane for Battery Sales by Region (2018-2023)

6.1.2 APAC PVDF Membrane for Battery Revenue by Region (2018-2023)

6.2 APAC PVDF Membrane for Battery Sales by Type

6.3 APAC PVDF Membrane for Battery Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe PVDF Membrane for Battery by Country

7.1.1 Europe PVDF Membrane for Battery Sales by Country (2018-2023)

7.1.2 Europe PVDF Membrane for Battery Revenue by Country (2018-2023)

7.2 Europe PVDF Membrane for Battery Sales by Type

7.3 Europe PVDF Membrane for Battery Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa PVDF Membrane for Battery by Country

8.1.1 Middle East & Africa PVDF Membrane for Battery Sales by Country (2018-2023)

8.1.2 Middle East & Africa PVDF Membrane for Battery Revenue by Country
(2018-2023)

8.2 Middle East & Africa PVDF Membrane for Battery Sales by Type

8.3 Middle East & Africa PVDF Membrane for Battery Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of PVDF Membrane for Battery

10.3 Manufacturing Process Analysis of PVDF Membrane for Battery

10.4 Industry Chain Structure of PVDF Membrane for Battery

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 PVDF Membrane for Battery Distributors

11.3 PVDF Membrane for Battery Customer

12 WORLD FORECAST REVIEW FOR PVDF MEMBRANE FOR BATTERY BY GEOGRAPHIC REGION

- 12.1 Global PVDF Membrane for Battery Market Size Forecast by Region
 - 12.1.1 Global PVDF Membrane for Battery Forecast by Region (2024-2029)
 - 12.1.2 Global PVDF Membrane for Battery Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global PVDF Membrane for Battery Forecast by Type
- 12.7 Global PVDF Membrane for Battery Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Arkema
 - 13.1.1 Arkema Company Information
 - 13.1.2 Arkema PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.1.3 Arkema PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.1.4 Arkema Main Business Overview
 - 13.1.5 Arkema Latest Developments
- 13.2 Merck
 - 13.2.1 Merck Company Information
 - 13.2.2 Merck PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.2.3 Merck PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.2.4 Merck Main Business Overview
 - 13.2.5 Merck Latest Developments
- 13.3 Koch Membrane Systems
 - 13.3.1 Koch Membrane Systems Company Information
 - 13.3.2 Koch Membrane Systems PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.3.3 Koch Membrane Systems PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.3.4 Koch Membrane Systems Main Business Overview
 - 13.3.5 Koch Membrane Systems Latest Developments
- 13.4 Bio-Rad Laboratories

- 13.4.1 Bio-Rad Laboratories Company Information
- 13.4.2 Bio-Rad Laboratories PVDF Membrane for Battery Product Portfolios and Specifications
- 13.4.3 Bio-Rad Laboratories PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.4.4 Bio-Rad Laboratories Main Business Overview
- 13.4.5 Bio-Rad Laboratories Latest Developments
- 13.5 General Electric
 - 13.5.1 General Electric Company Information
 - 13.5.2 General Electric PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.5.3 General Electric PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 General Electric Main Business Overview
 - 13.5.5 General Electric Latest Developments
- 13.6 CITIC Envirotech
 - 13.6.1 CITIC Envirotech Company Information
 - 13.6.2 CITIC Envirotech PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.6.3 CITIC Envirotech PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.6.4 CITIC Envirotech Main Business Overview
 - 13.6.5 CITIC Envirotech Latest Developments
- 13.7 Thermo Fisher
 - 13.7.1 Thermo Fisher Company Information
 - 13.7.2 Thermo Fisher PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.7.3 Thermo Fisher PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.7.4 Thermo Fisher Main Business Overview
 - 13.7.5 Thermo Fisher Latest Developments
- 13.8 Toray Industries
 - 13.8.1 Toray Industries Company Information
 - 13.8.2 Toray Industries PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.8.3 Toray Industries PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 Toray Industries Main Business Overview
 - 13.8.5 Toray Industries Latest Developments

13.9 Pentair

13.9.1 Pentair Company Information

13.9.2 Pentair PVDF Membrane for Battery Product Portfolios and Specifications

13.9.3 Pentair PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Pentair Main Business Overview

13.9.5 Pentair Latest Developments

13.10 Pall Corporation

13.10.1 Pall Corporation Company Information

13.10.2 Pall Corporation PVDF Membrane for Battery Product Portfolios and Specifications

13.10.3 Pall Corporation PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Pall Corporation Main Business Overview

13.10.5 Pall Corporation Latest Developments

13.11 Solvay

13.11.1 Solvay Company Information

13.11.2 Solvay PVDF Membrane for Battery Product Portfolios and Specifications

13.11.3 Solvay PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Solvay Main Business Overview

13.11.5 Solvay Latest Developments

13.12 Kureha Corporation

13.12.1 Kureha Corporation Company Information

13.12.2 Kureha Corporation PVDF Membrane for Battery Product Portfolios and Specifications

13.12.3 Kureha Corporation PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Kureha Corporation Main Business Overview

13.12.5 Kureha Corporation Latest Developments

13.13 Welch Fluorocarbon Inc.

13.13.1 Welch Fluorocarbon Inc. Company Information

13.13.2 Welch Fluorocarbon Inc. PVDF Membrane for Battery Product Portfolios and Specifications

13.13.3 Welch Fluorocarbon Inc. PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 Welch Fluorocarbon Inc. Main Business Overview

13.13.5 Welch Fluorocarbon Inc. Latest Developments

13.14 HIUV New Materials Co., Ltd.

- 13.14.1 HIUV New Materials Co., Ltd. Company Information
- 13.14.2 HIUV New Materials Co., Ltd. PVDF Membrane for Battery Product Portfolios and Specifications
- 13.14.3 HIUV New Materials Co., Ltd. PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.14.4 HIUV New Materials Co., Ltd. Main Business Overview
- 13.14.5 HIUV New Materials Co., Ltd. Latest Developments
- 13.15 Polyflon Company
 - 13.15.1 Polyflon Company Company Information
 - 13.15.2 Polyflon Company PVDF Membrane for Battery Product Portfolios and Specifications
 - 13.15.3 Polyflon Company PVDF Membrane for Battery Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.15.4 Polyflon Company Main Business Overview
 - 13.15.5 Polyflon Company Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. PVDF Membrane for Battery Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. PVDF Membrane for Battery Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Aqueous

Table 4. Major Players of Oily

Table 5. Global PVDF Membrane for Battery Sales by Type (2018-2023) & (Tons)

Table 6. Global PVDF Membrane for Battery Sales Market Share by Type (2018-2023)

Table 7. Global PVDF Membrane for Battery Revenue by Type (2018-2023) & (\$ million)

Table 8. Global PVDF Membrane for Battery Revenue Market Share by Type (2018-2023)

Table 9. Global PVDF Membrane for Battery Sale Price by Type (2018-2023) & (US\$/Ton)

Table 10. Global PVDF Membrane for Battery Sales by Application (2018-2023) & (Tons)

Table 11. Global PVDF Membrane for Battery Sales Market Share by Application (2018-2023)

Table 12. Global PVDF Membrane for Battery Revenue by Application (2018-2023)

Table 13. Global PVDF Membrane for Battery Revenue Market Share by Application (2018-2023)

Table 14. Global PVDF Membrane for Battery Sale Price by Application (2018-2023) & (US\$/Ton)

Table 15. Global PVDF Membrane for Battery Sales by Company (2018-2023) & (Tons)

Table 16. Global PVDF Membrane for Battery Sales Market Share by Company (2018-2023)

Table 17. Global PVDF Membrane for Battery Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global PVDF Membrane for Battery Revenue Market Share by Company (2018-2023)

Table 19. Global PVDF Membrane for Battery Sale Price by Company (2018-2023) & (US\$/Ton)

Table 20. Key Manufacturers PVDF Membrane for Battery Producing Area Distribution and Sales Area

Table 21. Players PVDF Membrane for Battery Products Offered

Table 22. PVDF Membrane for Battery Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global PVDF Membrane for Battery Sales by Geographic Region (2018-2023) & (Tons)

Table 26. Global PVDF Membrane for Battery Sales Market Share Geographic Region (2018-2023)

Table 27. Global PVDF Membrane for Battery Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global PVDF Membrane for Battery Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global PVDF Membrane for Battery Sales by Country/Region (2018-2023) & (Tons)

Table 30. Global PVDF Membrane for Battery Sales Market Share by Country/Region (2018-2023)

Table 31. Global PVDF Membrane for Battery Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global PVDF Membrane for Battery Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas PVDF Membrane for Battery Sales by Country (2018-2023) & (Tons)

Table 34. Americas PVDF Membrane for Battery Sales Market Share by Country (2018-2023)

Table 35. Americas PVDF Membrane for Battery Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas PVDF Membrane for Battery Revenue Market Share by Country (2018-2023)

Table 37. Americas PVDF Membrane for Battery Sales by Type (2018-2023) & (Tons)

Table 38. Americas PVDF Membrane for Battery Sales by Application (2018-2023) & (Tons)

Table 39. APAC PVDF Membrane for Battery Sales by Region (2018-2023) & (Tons)

Table 40. APAC PVDF Membrane for Battery Sales Market Share by Region (2018-2023)

Table 41. APAC PVDF Membrane for Battery Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC PVDF Membrane for Battery Revenue Market Share by Region (2018-2023)

Table 43. APAC PVDF Membrane for Battery Sales by Type (2018-2023) & (Tons)

Table 44. APAC PVDF Membrane for Battery Sales by Application (2018-2023) & (Tons)

Table 45. Europe PVDF Membrane for Battery Sales by Country (2018-2023) & (Tons)

Table 46. Europe PVDF Membrane for Battery Sales Market Share by Country (2018-2023)

Table 47. Europe PVDF Membrane for Battery Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe PVDF Membrane for Battery Revenue Market Share by Country (2018-2023)

Table 49. Europe PVDF Membrane for Battery Sales by Type (2018-2023) & (Tons)

Table 50. Europe PVDF Membrane for Battery Sales by Application (2018-2023) & (Tons)

Table 51. Middle East & Africa PVDF Membrane for Battery Sales by Country (2018-2023) & (Tons)

Table 52. Middle East & Africa PVDF Membrane for Battery Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa PVDF Membrane for Battery Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa PVDF Membrane for Battery Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa PVDF Membrane for Battery Sales by Type (2018-2023) & (Tons)

Table 56. Middle East & Africa PVDF Membrane for Battery Sales by Application (2018-2023) & (Tons)

Table 57. Key Market Drivers & Growth Opportunities of PVDF Membrane for Battery

Table 58. Key Market Challenges & Risks of PVDF Membrane for Battery

Table 59. Key Industry Trends of PVDF Membrane for Battery

Table 60. PVDF Membrane for Battery Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. PVDF Membrane for Battery Distributors List

Table 63. PVDF Membrane for Battery Customer List

Table 64. Global PVDF Membrane for Battery Sales Forecast by Region (2024-2029) & (Tons)

Table 65. Global PVDF Membrane for Battery Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 66. Americas PVDF Membrane for Battery Sales Forecast by Country (2024-2029) & (Tons)

Table 67. Americas PVDF Membrane for Battery Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 68. APAC PVDF Membrane for Battery Sales Forecast by Region (2024-2029) & (Tons)

Table 69. APAC PVDF Membrane for Battery Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Europe PVDF Membrane for Battery Sales Forecast by Country (2024-2029) & (Tons)

Table 71. Europe PVDF Membrane for Battery Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. Middle East & Africa PVDF Membrane for Battery Sales Forecast by Country (2024-2029) & (Tons)

Table 73. Middle East & Africa PVDF Membrane for Battery Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Global PVDF Membrane for Battery Sales Forecast by Type (2024-2029) & (Tons)

Table 75. Global PVDF Membrane for Battery Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 76. Global PVDF Membrane for Battery Sales Forecast by Application (2024-2029) & (Tons)

Table 77. Global PVDF Membrane for Battery Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 78. Arkema Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 79. Arkema PVDF Membrane for Battery Product Portfolios and Specifications

Table 80. Arkema PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 81. Arkema Main Business

Table 82. Arkema Latest Developments

Table 83. Merck Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 84. Merck PVDF Membrane for Battery Product Portfolios and Specifications

Table 85. Merck PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 86. Merck Main Business

Table 87. Merck Latest Developments

Table 88. Koch Membrane Systems Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 89. Koch Membrane Systems PVDF Membrane for Battery Product Portfolios and Specifications

Table 90. Koch Membrane Systems PVDF Membrane for Battery Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 91. Koch Membrane Systems Main Business

Table 92. Koch Membrane Systems Latest Developments

Table 93. Bio-Rad Laboratories Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 94. Bio-Rad Laboratories PVDF Membrane for Battery Product Portfolios and Specifications

Table 95. Bio-Rad Laboratories PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 96. Bio-Rad Laboratories Main Business

Table 97. Bio-Rad Laboratories Latest Developments

Table 98. General Electric Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 99. General Electric PVDF Membrane for Battery Product Portfolios and Specifications

Table 100. General Electric PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 101. General Electric Main Business

Table 102. General Electric Latest Developments

Table 103. CITIC Envirotech Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 104. CITIC Envirotech PVDF Membrane for Battery Product Portfolios and Specifications

Table 105. CITIC Envirotech PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 106. CITIC Envirotech Main Business

Table 107. CITIC Envirotech Latest Developments

Table 108. Thermo Fisher Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 109. Thermo Fisher PVDF Membrane for Battery Product Portfolios and Specifications

Table 110. Thermo Fisher PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 111. Thermo Fisher Main Business

Table 112. Thermo Fisher Latest Developments

Table 113. Toray Industries Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 114. Toray Industries PVDF Membrane for Battery Product Portfolios and Specifications

Table 115. Toray Industries PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 116. Toray Industries Main Business

Table 117. Toray Industries Latest Developments

Table 118. Pentair Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 119. Pentair PVDF Membrane for Battery Product Portfolios and Specifications

Table 120. Pentair PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 121. Pentair Main Business

Table 122. Pentair Latest Developments

Table 123. Pall Corporation Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 124. Pall Corporation PVDF Membrane for Battery Product Portfolios and Specifications

Table 125. Pall Corporation PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 126. Pall Corporation Main Business

Table 127. Pall Corporation Latest Developments

Table 128. Solvay Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 129. Solvay PVDF Membrane for Battery Product Portfolios and Specifications

Table 130. Solvay PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 131. Solvay Main Business

Table 132. Solvay Latest Developments

Table 133. Kureha Corporation Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 134. Kureha Corporation PVDF Membrane for Battery Product Portfolios and Specifications

Table 135. Kureha Corporation PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 136. Kureha Corporation Main Business

Table 137. Kureha Corporation Latest Developments

Table 138. Welch Fluorocarbon Inc. Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 139. Welch Fluorocarbon Inc. PVDF Membrane for Battery Product Portfolios and Specifications

Table 140. Welch Fluorocarbon Inc. PVDF Membrane for Battery Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 141. Welch Fluorocarbon Inc. Main Business

Table 142. Welch Fluorocarbon Inc. Latest Developments

Table 143. HIUV New Materials Co., Ltd. Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 144. HIUV New Materials Co., Ltd. PVDF Membrane for Battery Product Portfolios and Specifications

Table 145. HIUV New Materials Co., Ltd. PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 146. HIUV New Materials Co., Ltd. Main Business

Table 147. HIUV New Materials Co., Ltd. Latest Developments

Table 148. Polyflon Company Basic Information, PVDF Membrane for Battery Manufacturing Base, Sales Area and Its Competitors

Table 149. Polyflon Company PVDF Membrane for Battery Product Portfolios and Specifications

Table 150. Polyflon Company PVDF Membrane for Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 151. Polyflon Company Main Business

Table 152. Polyflon Company Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of PVDF Membrane for Battery
- Figure 2. PVDF Membrane for Battery Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global PVDF Membrane for Battery Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global PVDF Membrane for Battery Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. PVDF Membrane for Battery Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Aqueous
- Figure 10. Product Picture of Oily
- Figure 11. Global PVDF Membrane for Battery Sales Market Share by Type in 2022
- Figure 12. Global PVDF Membrane for Battery Revenue Market Share by Type (2018-2023)
- Figure 13. PVDF Membrane for Battery Consumed in Fuel Cell
- Figure 14. Global PVDF Membrane for Battery Market: Fuel Cell (2018-2023) & (Tons)
- Figure 15. PVDF Membrane for Battery Consumed in Lithium Battery
- Figure 16. Global PVDF Membrane for Battery Market: Lithium Battery (2018-2023) & (Tons)
- Figure 17. PVDF Membrane for Battery Consumed in Others
- Figure 18. Global PVDF Membrane for Battery Market: Others (2018-2023) & (Tons)
- Figure 19. Global PVDF Membrane for Battery Sales Market Share by Application (2022)
- Figure 20. Global PVDF Membrane for Battery Revenue Market Share by Application in 2022
- Figure 21. PVDF Membrane for Battery Sales Market by Company in 2022 (Tons)
- Figure 22. Global PVDF Membrane for Battery Sales Market Share by Company in 2022
- Figure 23. PVDF Membrane for Battery Revenue Market by Company in 2022 (\$ Million)
- Figure 24. Global PVDF Membrane for Battery Revenue Market Share by Company in 2022
- Figure 25. Global PVDF Membrane for Battery Sales Market Share by Geographic Region (2018-2023)

Figure 26. Global PVDF Membrane for Battery Revenue Market Share by Geographic Region in 2022

Figure 27. Americas PVDF Membrane for Battery Sales 2018-2023 (Tons)

Figure 28. Americas PVDF Membrane for Battery Revenue 2018-2023 (\$ Millions)

Figure 29. APAC PVDF Membrane for Battery Sales 2018-2023 (Tons)

Figure 30. APAC PVDF Membrane for Battery Revenue 2018-2023 (\$ Millions)

Figure 31. Europe PVDF Membrane for Battery Sales 2018-2023 (Tons)

Figure 32. Europe PVDF Membrane for Battery Revenue 2018-2023 (\$ Millions)

Figure 33. Middle East & Africa PVDF Membrane for Battery Sales 2018-2023 (Tons)

Figure 34. Middle East & Africa PVDF Membrane for Battery Revenue 2018-2023 (\$ Millions)

Figure 35. Americas PVDF Membrane for Battery Sales Market Share by Country in 2022

Figure 36. Americas PVDF Membrane for Battery Revenue Market Share by Country in 2022

Figure 37. Americas PVDF Membrane for Battery Sales Market Share by Type (2018-2023)

Figure 38. Americas PVDF Membrane for Battery Sales Market Share by Application (2018-2023)

Figure 39. United States PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 40. Canada PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Mexico PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Brazil PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 43. APAC PVDF Membrane for Battery Sales Market Share by Region in 2022

Figure 44. APAC PVDF Membrane for Battery Revenue Market Share by Regions in 2022

Figure 45. APAC PVDF Membrane for Battery Sales Market Share by Type (2018-2023)

Figure 46. APAC PVDF Membrane for Battery Sales Market Share by Application (2018-2023)

Figure 47. China PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Japan PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 49. South Korea PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Southeast Asia PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 51. India PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Australia PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 53. China Taiwan PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Europe PVDF Membrane for Battery Sales Market Share by Country in 2022

Figure 55. Europe PVDF Membrane for Battery Revenue Market Share by Country in 2022

Figure 56. Europe PVDF Membrane for Battery Sales Market Share by Type (2018-2023)

Figure 57. Europe PVDF Membrane for Battery Sales Market Share by Application (2018-2023)

Figure 58. Germany PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 59. France PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 60. UK PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Italy PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Russia PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Middle East & Africa PVDF Membrane for Battery Sales Market Share by Country in 2022

Figure 64. Middle East & Africa PVDF Membrane for Battery Revenue Market Share by Country in 2022

Figure 65. Middle East & Africa PVDF Membrane for Battery Sales Market Share by Type (2018-2023)

Figure 66. Middle East & Africa PVDF Membrane for Battery Sales Market Share by Application (2018-2023)

Figure 67. Egypt PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 68. South Africa PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Israel PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Turkey PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 71. GCC Country PVDF Membrane for Battery Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Manufacturing Cost Structure Analysis of PVDF Membrane for Battery in 2022

Figure 73. Manufacturing Process Analysis of PVDF Membrane for Battery

Figure 74. Industry Chain Structure of PVDF Membrane for Battery

Figure 75. Channels of Distribution

Figure 76. Global PVDF Membrane for Battery Sales Market Forecast by Region (2024-2029)

Figure 77. Global PVDF Membrane for Battery Revenue Market Share Forecast by Region (2024-2029)

Figure 78. Global PVDF Membrane for Battery Sales Market Share Forecast by Type (2024-2029)

Figure 79. Global PVDF Membrane for Battery Revenue Market Share Forecast by Type (2024-2029)

Figure 80. Global PVDF Membrane for Battery Sales Market Share Forecast by Application (2024-2029)

Figure 81. Global PVDF Membrane for Battery Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global PVDF Membrane for Battery Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G03AA63C31E2EN.html>

Price: US\$ 3,660.00 (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/G03AA63C31E2EN.html>