

Membrane Separation Technology Market Size and Share - Outlook Report, Forecast Trends and Growth Analysis (2025-2034)

Market Report | 2025-06-30 | 162 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global membrane separation technology market size reached approximately USD 24.19 Billion in 2024. The market is further projected to grow at a CAGR of 7.30% between 2025 and 2034, reaching a value of USD 48.94 Billion by 2034.

Key Trends in the Market

Membrane separation technology is a process through which a membrane obstructs the entry of unwanted substances and allows the passage of other essential components. It selectively controls the transport of materials between the phases and facilitates the mechanical separation of liquid and gas streams.

- Advancements and innovations in membrane separation technology such as development of asymmetric membranes and spiral wound configurations have contributed to their enhanced performance and durability, resulting in increased productivity, bolstering the membrane separation technology market demand across the globe.

- The demand for membrane separation technology is growing rapidly from the food and beverage sector owing to increasing government regulations. Separation technologies such as ultrafiltration and reverse osmosis are used to remove contaminants from various food and beverages such as milk and water.

- Rising population, urbanisation, and industrialisation have also resulted in an increased requirement for clean water, boosting the demand for wastewater treatments. Various membrane separation technologies are employed to remove contaminants and salts from water to make it suitable for human consumption.

Global Membrane Separation Technology Market Segmentation

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

"Global Membrane Separation Technology Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Breakup by Membrane Technology

- Reverse Osmosis
- Ultra Filtration
- Nano Filtration
- Micro Filtration

Breakup by Application

- Water and Wastewater Treatment
- Industry Processing
- Food and Beverage Processing
- Pharmaceutical and Medical
- Others

Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Share by Membrane Technology

Reverse osmosis accounts for a significant membrane separation technology market share owing to the wide utilisation of the technology in industrial and residential applications. Its cost-effective nature along with excellent rejection capabilities for solutes and contaminants have further increased its popularity and demand across the globe. Reverse osmosis serves for both small scale residential applications as well as large scale industrial plants, aiding the market expansion and the segment growth.

Market Share by Region

The Asia Pacific held a significant share of the market during the historic period and is expected to grow further over the forecast period owing to growing industrialisation and rising environmental concerns among the regional population. Indian and Chinese governments are taking initiatives to develop wastewater treatment plants, further boosting the membrane separation technology market growth in the Asia Pacific.

Additionally, the market in North America is anticipated to grow significantly over the forecast period owing to the strong presence of major market players in the region.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the global membrane separation

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

technology market, covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

DuPont de Nemours Inc.

DuPont de Nemours Inc. was founded in 1902 and is headquartered in Delaware, United States. The multinational chemical company provides its customers with technology-based materials and solutions.

3M Company

3M Company is a multinational conglomerate company that was founded in 1902 and is headquartered in Minnesota, United States. The company operates in the fields of worker safety, consumer goods, and healthcare, among others.

Toray Industries, Inc.

Toray Industries, Inc. was established in 1926 and has its headquarters located in Tokyo, Japan. The textile company specialises in industrial products that are centred on technologies in organic synthetic chemistry, biochemistry, and polymer chemistry.

Other membrane separation technology market players include Koch Separation Solutions (KSS), Pentair plc, GEA Group Aktiengesellschaft, Asahi Kasei Corporation, Axion Water Technologies, Pall Corporation, and Nitto Denko Corporation, among others.

Table of Contents:

1 Executive Summary
1.1 Market Size 2024-2025
1.2 Market Growth 2025(F)-2034(F)
1.3 Key Demand Drivers
1.4 Key Players and Competitive Structure
1.5 Industry Best Practices
1.6 Recent Trends and Developments
1.7 Industry Outlook
2 Market Overview and Stakeholder Insights
2.1 Market Trends
2.2 Key Verticals
2.3 Key Regions
2.4 Supplier Power
2.5 Buyer Power
2.6 Key Market Opportunities and Risks
2.7 Key Initiatives by Stakeholders
3 Economic Summary
3.1 GDP Outlook
3.2 GDP Per Capita Growth
3.3 Inflation Trends
3.4 Democracy Index
3.5 Gross Public Debt Ratios

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.6 Balance of Payment (BoP) Position
- 3.7 Population Outlook
- 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Membrane Separation Technology Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Membrane Separation Technology Historical Market (2018-2024)
 - 5.3 Global Membrane Separation Technology Market Forecast (2025-2034)
 - 5.4 Global Membrane Separation Technology Market by Membrane Technology
 - 5.4.1 Reverse Osmosis
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Ultra Filtration
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.4.3 Nano Filtration
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)
 - 5.4.4 Micro Filtration
 - 5.4.4.1 Historical Trend (2018-2024)
 - 5.4.4.2 Forecast Trend (2025-2034)
 - 5.5 Global Membrane Separation Technology Market by Application
 - 5.5.1 Water and Wastewater Treatment
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 Industry Processing
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 Food and Beverage Processing
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
 - 5.5.4 Pharmaceutical and Medical
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
 - 5.5.5 Others
 - 5.6 Global Membrane Separation Technology Market by Region
 - 5.6.1 North America
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Europe
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Asia Pacific
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.6.4 Latin America
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
- 5.6.5 Middle East and Africa
 - 5.6.5.1 Historical Trend (2018-2024)
 - 5.6.5.2 Forecast Trend (2025-2034)
- 6 North America Membrane Separation Technology Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Membrane Separation Technology Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
 - 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
 - 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 Asia Pacific Membrane Separation Technology Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Membrane Separation Technology Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.1.2 Forecast Trend (2025-2034)
- 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
- 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
- 9.4 Others
- 10 Middle East and Africa Membrane Separation Technology Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
 - 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Competitive Landscape
 - 12.1 Supplier Selection
 - 12.2 Key Global Players
 - 12.3 Key Regional Players
 - 12.4 Key Player Strategies
 - 12.5 Company Profiles
 - 12.5.1 DuPont de Nemours, Inc.
 - 12.5.1.1 Company Overview
 - 12.5.1.2 Product Portfolio
 - 12.5.1.3 Demographic Reach and Achievements
 - 12.5.1.4 Certifications

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.5.2 3M Company
 - 12.5.2.1 Company Overview
 - 12.5.2.2 Product Portfolio
 - 12.5.2.3 Demographic Reach and Achievements
 - 12.5.2.4 Certifications
- 12.5.3 Toray Industries, Inc.
 - 12.5.3.1 Company Overview
 - 12.5.3.2 Product Portfolio
 - 12.5.3.3 Demographic Reach and Achievements
 - 12.5.3.4 Certifications
- 12.5.4 Koch Separation Solutions (KSS)
 - 12.5.4.1 Company Overview
 - 12.5.4.2 Product Portfolio
 - 12.5.4.3 Demographic Reach and Achievements
 - 12.5.4.4 Certifications
- 12.5.5 Pentair plc
 - 12.5.5.1 Company Overview
 - 12.5.5.2 Product Portfolio
 - 12.5.5.3 Demographic Reach and Achievements
 - 12.5.5.4 Certifications
- 12.5.6 GEA Group Aktiengesellschaft
 - 12.5.6.1 Company Overview
 - 12.5.6.2 Product Portfolio
 - 12.5.6.3 Demographic Reach and Achievements
 - 12.5.6.4 Certifications
- 12.5.7 Asahi Kasei Corporation
 - 12.5.7.1 Company Overview
 - 12.5.7.2 Product Portfolio
 - 12.5.7.3 Demographic Reach and Achievements
 - 12.5.7.4 Certifications
- 12.5.8 Axeon Water Technologies
 - 12.5.8.1 Company Overview
 - 12.5.8.2 Product Portfolio
 - 12.5.8.3 Demographic Reach and Achievements
 - 12.5.8.4 Certifications
- 12.5.9 Pall Corporation
 - 12.5.9.1 Company Overview
 - 12.5.9.2 Product Portfolio
 - 12.5.9.3 Demographic Reach and Achievements
 - 12.5.9.4 Certifications
- 12.5.10 Nitto Denko Corporation
 - 12.5.10.1 Company Overview
 - 12.5.10.2 Product Portfolio
 - 12.5.10.3 Demographic Reach and Achievements
 - 12.5.10.4 Certifications
- 12.5.11 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Membrane Separation Technology Market Size and Share - Outlook Report, Forecast Trends and Growth Analysis (2025-2034)

Market Report | 2025-06-30 | 162 pages | EMR Inc.

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-06"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com