

**Membranes Market, By Material (Polymeric, Ceramic), Technology (RO, MF, UF, NF), Application (Water & Wastewater Treatment, Industrial Processing), & Region (North America, Europe, APAC, Middle East & Africa, South America) - Global Forecast to 2027**

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**Report description:**

The global membranes market size is projected to reach USD 10.1 billion by 2027 from USD 6.4 billion in 2022, at a CAGR of 9.7% during the forecast period. The market is driven by various factors such as increasing demand for potable water, rising water scarcity, and shift from chemical to physical treatment of water. Furthermore, desalination and growing demand from emerging economies such as India, China, and Brazil is expected to boost the growth of the membranes market.

"Polymeric segment to be the largest and fastest growing segment amongst materials in the membranes market"

Membranes market is segmented as polymeric, ceramic, and others based on the material used. Polymeric membranes are the majorly commercialized membranes and account for the larger market share of the market as compared to the ceramic membranes. Polymeric membranes are cost-effective as compared to the ceramic membranes, which is one of the driving factors for this segment.

"RO segment to be the largest segment amongst technologies in the overall membranes market during the forecast period"

Membranes market is segmented into RO, UF, MF, and NF based on technology. RO membranes are permeable to water but impermeable to most of the dissolved salts, bacteria, pyrogens, and organics. These membranes are widely utilized in the water desalination systems. Stringent regulations regarding wastewater treatment further supports the increasing demand of RO membranes.

"Industrial processing to grow at a highest growth rate amongst applications in the overall membranes market"

Based on application, the membranes market is segmented into two segments: water & wastewater treatment, and industrial processing. Water & wastewater treatment accounts for the highest market share of membranes market. Industrial processing

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further includes various end use industries such as food & beverage, pharmaceutical, textile, pulp & paper, power, chemical & petrochemical, and others. Growth in these end use industries will drive the demand of membranes in the industrial processing applications.

"Asia Pacific estimated to be the largest and the fastest growing region in the membranes market during the forecast period" Asia Pacific is the largest market for membranes. This large market share is primarily attributed to the presence of various developing nations in the region. The nations including China and India are witnessing rising industrialization, growing population, and an increasing awareness about water conservation & wastewater treatment, which drives the membranes market.

#### Breakdown of Primaries

Extensive primary interviews were conducted in the process of determining and verifying sizes of several segments and subsegments of the membranes market gathered through secondary research.

The breakdown of primary interviews has been given below.

- By Company Type: Tier 1 - 25%, Tier 2 - 50%, and Tier 3 - 25%

- By Designation: C Level Executives - 20%, Director Level - 30%, Others - 50%

- By Region: North America - 20%, Asia Pacific - 25%, Europe - 30%, Middle East & Africa - 10%, South America - 15%.

The key players in the membranes market include Toray Industries Inc. (Japan), DuPont (US), Pentair (UK), Pall Corporation (US), Suez Water Technologies & Solutions (France), Hydranautics (US), Asahi Kasei Corporation (Japan), LG Chem Ltd. (South Korea), 3M (US), Mann+Hummel (Germany), and Koch Separation Solutions (US).

#### Research Coverage

This report covers the membranes market and forecasts its market size until 2027. The market has been segmented based on material, technology, application, and region. The report also provides detailed information on company profiles and competitive strategies adopted by the key players to strengthen their positions in the market. The report also provides insights into the driving and restraining factors in the membranes market, along with opportunities and challenges in the market. It also includes profiles for top manufacturers in the market.

#### Reasons to Buy the Report

The report is expected to help market leaders/new entrants in the following ways:

1. This report segments the membranes market and provides the closest approximations of overall market size for its segments across different verticals and regions.
2. This report is expected to help stakeholders understand the pulse of the market and provide information on key drivers, restraints, challenges, and opportunities influencing the growth of the market.
3. This report is expected to help stakeholders obtain an in-depth understanding of the competitive landscape of the market and gain insights to improve the position of their businesses. The competitive landscape section includes detailed information on strategies, such as new product launches, investment & expansions, agreement & collaboration, and mergers & acquisitions.

#### Table of Contents:

1	INTRODUCTION	29	
1.1	STUDY OBJECTIVES	29	
1.2	MARKET DEFINITION	29	
1.3	INCLUSIONS & EXCLUSIONS	29	
TABLE 1		MEMBRANES MARKET: INCLUSIONS & EXCLUSIONS	29
1.4	MARKET SCOPE	30	
1.4.1	MARKET SEGMENTATION	30	
1.4.2	REGIONS COVERED	30	
1.4.3	YEARS CONSIDERED	31	
1.5	CURRENCY CONSIDERED	31	
1.6	UNITS CONSIDERED	31	
1.7	STAKEHOLDERS	31	
2	RESEARCH METHODOLOGY	32	

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2.1	RESEARCH DATA	32	
	FIGURE 1	MEMBRANES MARKET: RESEARCH DESIGN	32
2.1.1	SECONDARY DATA	33	
2.1.1.1	Major secondary sources	33	
2.1.1.2	Key data from secondary sources	34	
2.1.2	PRIMARY DATA	34	
2.1.2.1	Key data from primary sources	35	
2.1.3	PRIMARIES	35	
2.1.3.1	Primary interviews - demand and supply sides	35	
2.1.3.2	Key industry insights	36	
2.1.3.3	Breakdown of primary interviews	36	
2.2	MARKET SIZE ESTIMATION	37	
	FIGURE 2	MARKET SIZE ESTIMATION: APPROACH 1	37
	FIGURE 3	MARKET SIZE ESTIMATION: APPROACH 2	37
2.2.1	TOP-DOWN APPROACH	38	
2.2.1.1	Approach for arriving at market size using top-down analysis	38	
	FIGURE 4	TOP-DOWN APPROACH	38
2.2.2	BOTTOM-UP APPROACH	39	
2.2.2.1	Approach for arriving at market size using bottom-up analysis	39	
	FIGURE 5	BOTTOM-UP APPROACH	40
2.3	DATA TRIANGULATION	40	
	FIGURE 6	MEMBRANES MARKET: DATA TRIANGULATION	41
2.4	FACTOR ANALYSIS	41	
2.5	ASSUMPTIONS	42	
2.6	LIMITATIONS & RISKS ASSOCIATED WITH MEMBRANES MARKET	42	
3	EXECUTIVE SUMMARY	43	
	FIGURE 7	POLYMERIC MEMBRANES DOMINATE MEMBRANES MARKET	44
	FIGURE 8	RO TO BE LARGEST SEGMENT OF MEMBRANES MARKET BETWEEN 2022 AND 2027	44
	FIGURE 9	WATER & WASTEWATER TREATMENT TO HOLD LARGER MARKET SHARE	45
	FIGURE 10	ASIA PACIFIC DOMINATED MEMBRANES MARKET IN 2021	45
4	PREMIUM INSIGHTS	46	
4.1	ATTRACTIVE OPPORTUNITIES IN MEMBRANES MARKET	46	
	FIGURE 11	ASIA PACIFIC REGION TO DRIVE MEMBRANES MARKET	46
4.2	MEMBRANES MARKET, BY MATERIAL	46	
	FIGURE 12	POLYMERIC TO BE FASTEST-GROWING SEGMENT OF MEMBRANES MARKET	46
4.3	MEMBRANES MARKET, BY TECHNOLOGY	47	
	FIGURE 13	NF TO BE FASTEST-GROWING SEGMENT OF MEMBRANES MARKET	47
4.4	MEMBRANES MARKET, BY APPLICATION	47	
	FIGURE 14	INDUSTRIAL PROCESSING TO BE FASTEST-GROWING SEGMENT OF MEMBRANES MARKET	47
4.5	ASIA PACIFIC MEMBRANES MARKET, BY APPLICATION AND COUNTRY	48	
	FIGURE 15	WATER & WASTEWATER TREATMENT AND CHINA ACCOUNTED FOR SIGNIFICANT SHARES IN 2021	48
4.6	MEMBRANES MARKET, BY KEY COUNTRIES	48	
	FIGURE 16	MEXICO AND ARGENTINA TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD	48
5	MARKET OVERVIEW	49	
5.1	INTRODUCTION	49	
5.2	MARKET DYNAMICS	49	
	FIGURE 17	DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN MEMBRANES MARKET	49

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5.2.1	DRIVERS	50
5.2.1.1	Increasing awareness about water & wastewater treatment	50
5.2.1.2	Stringent wastewater regulations	50
5.2.1.3	Shift from chemical to physical treatment of water	50
5.2.1.4	Increasing demand from end-use industries	51
5.2.2	RESTRAINTS	51
5.2.2.1	Fouling and scaling reducing membrane performance	51
5.2.2.2	High capital costs	52
5.2.3	OPPORTUNITIES	52
5.2.3.1	Rising demand for water treatment in developing countries	52
5.2.3.2	Increasing water scarcity	53
5.2.4	CHALLENGES	53
5.2.4.1	Issue related to lifespan and efficiency of membranes	53
5.2.4.2	Discharge of brine as waste from RO membranes	53
5.3	PORTER'S FIVE FORCES ANALYSIS	54
FIGURE 18 PORTER'S FIVE FORCES ANALYSIS		
5.3.1	THREAT OF NEW ENTRANTS	54
5.3.2	THREAT OF SUBSTITUTES	55
5.3.3	BARGAINING POWER OF SUPPLIERS	55
5.3.4	BARGAINING POWER OF BUYERS	55
5.3.5	INTENSITY OF COMPETITIVE RIVALRY	55
TABLE 2 MEMBRANES MARKET: PORTER'S FIVE FORCES ANALYSIS		
5.4	VALUE CHAIN	56
5.4.1	RAW MATERIAL SUPPLIERS	57
5.4.2	MEMBRANE MANUFACTURERS	57
5.4.3	DISTRIBUTORS	57
5.4.4	END CONSUMERS	57
5.5	REGULATIONS	57
5.5.1	NORTH AMERICA	57
5.5.1.1	Clean Water Act (CWA)	58
5.5.1.2	Safe Drinking Water Act (SDWA)	58
5.5.2	ASIA PACIFIC	58
5.5.2.1	Environmental Protection Law (EPL)	58
5.5.2.2	Water Resources Law	58
5.5.2.3	Water Pollution Prevention and Control Law	58
5.5.2.4	Water Prevention and Control of Pollution Act	59
5.5.3	EUROPE	59
5.5.3.1	Urban Wastewater Treatment Directive (1991)	59
5.5.3.2	Drinking Water Directive (1998)	59
5.5.3.3	The Water Framework Directive (2000)	59
5.5.4	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	59
TABLE 3 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS		
TABLE 4 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS		
TABLE 5 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS		
5.6	TRADE ANALYSIS	62
5.6.1	IMPORT-EXPORT SCENARIO OF MEMBRANES MARKET	62
TABLE 6 IMPORT TRADE DATA FOR CENTRIFUGES, INCLUDING CENTRIFUGAL DRYERS; FILTERING OR PURIFYING MACHINERY AND		

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APPARATUS, FOR LIQUIDS OR GASES 62

TABLE 7 EXPORT TRADE DATA FOR CENTRIFUGES, INCLUDING CENTRIFUGAL DRYERS; FILTERING OR PURIFYING MACHINERY AND APPARATUS, FOR LIQUIDS OR GASES 63

TABLE 8 IMPORT TRADE DATA FOR PARTS OF MACHINERY AND APPARATUS FOR FILTERING OR PURIFYING LIQUIDS OR GASES 64

TABLE 9 EXPORT TRADE DATA FOR MACHINERY AND APPARATUS FOR FILTERING OR PURIFYING LIQUIDS OR GASES 65

5.7 PRICING ANALYSIS 66

5.7.1 AVERAGE SELLING PRICE BASED ON REGION 66

FIGURE 20 AVERAGE SELLING PRICE BASED ON REGION (USD/SQUARE METER) 66

5.7.2 AVERAGE SELLING PRICE BASED ON MATERIAL 66

TABLE 10 AVERAGE SELLING PRICE BASED ON MATERIAL (USD/SQUARE METER) 66

5.8 ECOSYSTEM 67

TABLE 11 MEMBRANES: ECOSYSTEM 67

5.9 TECHNOLOGY ANALYSIS 68

5.9.1 MEMBRANE MADE WITH BLOCK-COPOLYMER 68

5.9.2 FLUX ENHANCEMENT TECHNOLOGY 68

5.9.3 COMBINED CRYSTALLIZATION AND DIFFUSION 68

5.10 CASE STUDIES 69

5.10.1 KOCH SEPARATION SOLUTIONS 69

5.10.2 TORAY INDUSTRIES, INC. 69

5.10.3 SUEZ 69

5.11 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 70

5.12 KEY CONFERENCES & EVENTS IN 2022-2023 70

TABLE 12 MEMBRANES MARKET: LIST OF CONFERENCES & EVENTS 70

5.13 PATENTS ANALYSIS 72

5.13.1 INTRODUCTION 72

5.13.2 METHODOLOGY 72

5.13.2.1 Document Type 72

TABLE 13 GRANTED PATENTS ACCOUNT FOR 17% OF TOTAL COUNT IN LAST 10 YEARS 72

5.13.2.2 Publication trends over Last 10 Years 73

5.13.3 INSIGHTS 73

5.13.4 LEGAL STATUS OF PATENTS 73

5.13.5 JURISDICTION ANALYSIS 74

FIGURE 21 TOP JURISDICTION, BY DOCUMENT 74

5.13.6 TOP COMPANIES/APPLICANTS 74

TABLE 14 PATENTS BY TORAY INDUSTRIES, INC. 75

TABLE 15 PATENTS BY LG CHEM LTD. 76

TABLE 16 PATENTS BY NITTO DENKO CORPORATION 76

TABLE 17 TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS 77

5.14 KEY FACTORS AFFECTING BUYING DECISION 77

5.14.1 QUALITY 77

5.14.2 SERVICE 78

FIGURE 22 SUPPLIER SELECTION CRITERION 78

?

6 MEMBRANES MARKET, BY MATERIAL 80

6.1 INTRODUCTION 81

FIGURE 23 POLYMERIC MEMBRANES TO BE LARGEST SEGMENT 81

6.2 POLYMERIC 82

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- 6.2.1 POLYAMIDE (PA) 83
  - 6.2.1.1 Primarily used in NF and RO membranes 83
- 6.2.2 POLYSULFONE (PS) AND POLYETHERSULFONE (PES) 83
  - 6.2.2.1 PS and PES offer high thermal and chemical stability 83
- 6.2.3 FLUOROPOLYMERS 83
  - 6.2.3.1 Possess high mechanical strength and chemical resistance 83
- 6.2.4 OTHERS 84
- 6.3 CERAMIC 84
  - 6.3.1 ALUMINA 84
    - 6.3.1.1 Alumina improves production efficiency of membranes 84
  - 6.3.2 TITANIA 84
    - 6.3.2.1 Primarily used in MF and NF membranes 84
  - 6.3.3 ZIRCONIA 85
    - 6.3.3.1 High strength and fracture toughness 85
  - 6.3.4 OTHERS 85
- 6.4 OTHERS 85
- 7 MEMBRANES MARKET, BY TECHNOLOGY 86
  - 7.1 INTRODUCTION 87
    - FIGURE 24 RO SEGMENT TO ACCOUNT FOR HIGHEST MARKET SHARE 87
  - 7.2 REVERSE OSMOSIS (RO) 89
    - 7.2.1 WIDELY UTILIZED IN DESALINATION 89
  - 7.3 ULTRAFILTRATION (UF) 89
    - 7.3.1 HIGHER FLUX RATE THAN RO 89
  - 7.4 MICROFILTRATION (MF) 90
    - 7.4.1 USED AS PRETREATMENT TO RO AND NF 90
  - 7.5 NANOFILTRATION (NF) 90
    - 7.5.1 WORK AT REDUCED OPERATING PRESSURES WITH INCREASED FLOW RATES THAN RO 90
  - 7.6 OTHERS 90
- 8 MEMBRANES MARKET, BY APPLICATION 92
  - 8.1 INTRODUCTION 93
    - FIGURE 25 INDUSTRIAL PROCESSING TO GROW FASTER BETWEEN 2022 AND 2027 93
    - TABLE 26 MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 93
    - TABLE 27 MEMBRANES MARKET, BY APPLICATION, 2018-2021 (MILLION SQUARE METER) 93
    - TABLE 28 MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 94
    - TABLE 29 MEMBRANES MARKET, BY APPLICATION, 2022-2027 (MILLION SQUARE METER) 94
  - 8.2 WATER & WASTEWATER TREATMENT 94
    - 8.2.1 DESALINATION 94
      - 8.2.1.1 Used to separate dissolved salts from water 94
    - 8.2.2 UTILITY WATER TREATMENT 95
      - 8.2.2.1 Growing demand for clean water and government regulations on water treatment 95
    - 8.2.3 WASTEWATER REUSE 95
      - 8.2.3.1 Increasing awareness about wastewater treatment 95
  - 8.3 INDUSTRIAL PROCESSING 96
    - 8.3.1 FOOD & BEVERAGE 96
      - 8.3.1.1 Use of membranes to concentrate and remove specific substances from liquid streams 96
    - 8.3.2 CHEMICAL & PETROCHEMICAL 96
      - 8.3.2.1 Use of membranes lowers operational cost 96

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### 8.3.3 PHARMACEUTICAL & MEDICAL 97

8.3.3.1 Superior filtration and tolerance of membranes to high temperatures 97

### 8.3.4 TEXTILE 97

8.3.4.1 Extensive use of membranes for dyes desalting & purification and wastewater processing 97

### 8.3.5 POWER 98

8.3.5.1 Used to produce high-quality water 98

### 8.3.6 PULP & PAPER 98

8.3.6.1 Use of membranes for recovery of valuable products 98

### 8.3.7 OTHERS 98

## 9 MEMBRANES MARKET, BY REGION 99

### 9.1 INTRODUCTION 100

FIGURE 26 ASIA PACIFIC TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD 100

TABLE 30 MEMBRANES MARKET, BY REGION, 2018-2021 (USD MILLION) 100

TABLE 31 MEMBRANES MARKET, BY REGION, 2018-2021 (MILLION SQUARE METER) 101

TABLE 32 MEMBRANES MARKET, BY REGION, 2022-2027 (USD MILLION) 101

TABLE 33 MEMBRANES MARKET, BY REGION, 2022-2027 (MILLION SQUARE METER) 101

### 9.2 ASIA PACIFIC 102

FIGURE 27 ASIA PACIFIC: MEMBRANES MARKET SNAPSHOT 103

TABLE 34 ASIA PACIFIC: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 104

TABLE 35 ASIA PACIFIC: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (MILLION SQUARE METER) 104

TABLE 36 ASIA PACIFIC: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 104

TABLE 37 ASIA PACIFIC: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (MILLION SQUARE METER) 105

TABLE 38 ASIA PACIFIC: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (USD MILLION) 105

TABLE 39 ASIA PACIFIC: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (MILLION SQUARE METER) 105

TABLE 40 ASIA PACIFIC: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (USD MILLION) 105

TABLE 41 ASIA PACIFIC: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (MILLION SQUARE METER) 106

TABLE 42 ASIA PACIFIC: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (USD MILLION) 106

TABLE 43 ASIA PACIFIC: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (MILLION SQUARE METER) 106

TABLE 44 ASIA PACIFIC: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (USD MILLION) 107

TABLE 45 ASIA PACIFIC: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (MILLION SQUARE METER) 107

TABLE 46 ASIA PACIFIC: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 107

TABLE 47 ASIA PACIFIC: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (MILLION SQUARE METER) 107

TABLE 48 ASIA PACIFIC: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 108

TABLE 49 ASIA PACIFIC: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (MILLION SQUARE METER) 108

#### 9.2.1 CHINA 108

9.2.1.1 Highest share of membranes market in Asia Pacific 108

TABLE 50 CHINA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 109

TABLE 51 CHINA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 109

#### 9.2.2 JAPAN 109

9.2.2.1 Development of advanced technologies and industrial sector 109

TABLE 52 JAPAN: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 110

TABLE 53 JAPAN: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 110

#### 9.2.3 INDIA 110

9.2.3.1 Growing end-use industries and increasing awareness of wastewater treatment 110

TABLE 54 INDIA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 111

TABLE 55 INDIA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 111

#### 9.2.4 SOUTH KOREA 111

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9.2.4.1 Food & beverage industry, skilled workforce, and laws & regulations 111

TABLE 56 SOUTH KOREA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 112

TABLE 57 SOUTH KOREA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 112

9.2.5 AUSTRALIA 112

9.2.5.1 Government initiatives supporting market growth 112

TABLE 58 AUSTRALIA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 112

TABLE 59 AUSTRALIA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 113

9.2.6 REST OF ASIA PACIFIC 113

TABLE 60 REST OF ASIA PACIFIC: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 113

TABLE 61 REST OF ASIA PACIFIC: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 113

9.3 EUROPE 114

TABLE 62 EUROPE: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 114

TABLE 63 EUROPE: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (MILLION SQUARE METER) 114

TABLE 64 EUROPE: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 115

TABLE 65 EUROPE: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (MILLION SQUARE METER) 115

TABLE 66 EUROPE: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (USD MILLION) 115

TABLE 67 EUROPE: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (MILLION SQUARE METER) 115

TABLE 68 EUROPE: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (USD MILLION) 116

TABLE 69 EUROPE: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (MILLION SQUARE METER) 116

TABLE 70 EUROPE: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (USD MILLION) 116

TABLE 71 EUROPE: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (MILLION SQUARE METER) 116

TABLE 72 EUROPE: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (USD MILLION) 117

TABLE 73 EUROPE: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (MILLION SQUARE METER) 117

TABLE 74 EUROPE: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 117

TABLE 75 EUROPE: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (MILLION SQUARE METER) 117

TABLE 76 EUROPE: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 118

TABLE 77 EUROPE: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (MILLION SQUARE METER) 118

9.3.1 SPAIN 118

9.3.1.1 World's fourth-largest producer of desalinated water 118

TABLE 78 SPAIN: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 119

TABLE 79 SPAIN: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 119

9.3.2 GERMANY 119

9.3.2.1 Highest EU standards for wastewater treatment 119

TABLE 80 GERMANY: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 120

TABLE 81 GERMANY: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 120

9.3.3 FRANCE 120

9.3.3.1 Advancements in water treatment infrastructure 120

TABLE 82 FRANCE: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 120

TABLE 83 FRANCE: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 121

9.3.4 UK 121

9.3.4.1 Commercial, domestic, and municipality segments 121

TABLE 84 UK: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 121

TABLE 85 UK: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 122

9.3.5 ITALY 122

9.3.5.1 Food & beverage, pharmaceutical, and electronics sectors to drive market 122

TABLE 86 ITALY: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 122

TABLE 87 ITALY: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 122

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### 9.3.6 REST OF EUROPE 123

TABLE 88 REST OF EUROPE: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 123

TABLE 89 REST OF EUROPE: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 123

### 9.4 NORTH AMERICA 123

TABLE 90 NORTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 124

TABLE 91 NORTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (MILLION SQUARE METER) 124

TABLE 92 NORTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 124

TABLE 93 NORTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (MILLION SQUARE METER) 124

TABLE 94 NORTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (USD MILLION) 125

TABLE 95 NORTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (MILLION SQUARE METER) 125

TABLE 96 NORTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (USD MILLION) 125

TABLE 97 NORTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (MILLION SQUARE METER) 125

TABLE 98 NORTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (USD MILLION) 126

TABLE 99 NORTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (MILLION SQUARE METER) 126

TABLE 100 NORTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (USD MILLION) 126

TABLE 101 NORTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (MILLION SQUARE METER) 127

TABLE 102 NORTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 127

TABLE 103 NORTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (MILLION SQUARE METER) 127

TABLE 104 NORTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 127

TABLE 105 NORTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (MILLION SQUARE METER) 128

#### 9.4.1 US 128

9.4.1.1 Most mature membranes market in region 128

TABLE 106 US: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 128

TABLE 107 US: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 129

#### 9.4.2 CANADA 129

9.4.2.1 More than 7,000 food processing establishments 129

TABLE 108 CANADA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 129

TABLE 109 CANADA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 130

#### 9.4.3 MEXICO 130

9.4.3.1 Government initiatives and growth in manufacturing sector 130

TABLE 110 MEXICO: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 130

TABLE 111 MEXICO: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 131

### 9.5 MIDDLE EAST & AFRICA 131

TABLE 112 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 131

TABLE 113 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (MILLION SQUARE METER) 131

TABLE 114 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 132

TABLE 115 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (MILLION SQUARE METER) 132

TABLE 116 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (USD MILLION) 132

TABLE 117 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (MILLION SQUARE METER) 133

TABLE 118 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (USD MILLION) 133

TABLE 119 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (MILLION SQUARE METER) 133

TABLE 120 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (USD MILLION) 133

TABLE 121 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (MILLION SQUARE METER) 134

TABLE 122 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (USD MILLION) 134

TABLE 123 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (MILLION SQUARE METER) 134

TABLE 124 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 135

TABLE 125 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (MILLION SQUARE METER) 135

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TABLE 126 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 135

TABLE 127 MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (MILLION SQUARE METER) 135

9.5.1 SAUDI ARABIA 136

9.5.1.1 Has 18% of world's proven petroleum reserves 136

TABLE 128 SAUDI ARABIA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 136

TABLE 129 SAUDI ARABIA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 137

9.5.2 UAE 137

9.5.2.1 Extensive use in brackish water treatment 137

TABLE 130 UAE: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 137

TABLE 131 UAE: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 137

9.5.3 KUWAIT 138

9.5.3.1 Strong capacity for brackish water and seawater desalination 138

TABLE 132 KUWAIT: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 138

TABLE 133 KUWAIT: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 138

9.5.4 EGYPT 138

9.5.4.1 Increased wastewater treatment and desalination 138

TABLE 134 EGYPT: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 139

TABLE 135 EGYPT: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 139

9.5.5 REST OF MIDDLE EAST & AFRICA 139

TABLE 136 REST OF MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 140

TABLE 137 REST OF MIDDLE EAST & AFRICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 140

9.6 SOUTH AMERICA 140

TABLE 138 SOUTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 141

TABLE 139 SOUTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2018-2021 (MILLION SQUARE METER) 141

TABLE 140 SOUTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 141

TABLE 141 SOUTH AMERICA: MEMBRANES MARKET, BY COUNTRY, 2022-2027 (MILLION SQUARE METER) 141

TABLE 142 SOUTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (USD MILLION) 142

TABLE 143 SOUTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2018-2021 (MILLION SQUARE METER) 142

TABLE 144 SOUTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (USD MILLION) 142

TABLE 145 SOUTH AMERICA: MEMBRANES MARKET, BY MATERIAL, 2022-2027 (MILLION SQUARE METER) 142

TABLE 146 SOUTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (USD MILLION) 143

TABLE 147 SOUTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2018-2021 (MILLION SQUARE METER) 143

TABLE 148 SOUTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (USD MILLION) 143

TABLE 149 SOUTH AMERICA: MEMBRANES MARKET, BY TECHNOLOGY, 2022-2027 (MILLION SQUARE METER) 144

TABLE 150 SOUTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 144

TABLE 151 SOUTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (MILLION SQUARE METER) 144

TABLE 152 SOUTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 144

TABLE 153 SOUTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (MILLION SQUARE METER) 145

9.6.1 BRAZIL 145

9.6.1.1 Around 4 million people deprived of safe drinking water 145

TABLE 154 BRAZIL: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 146

TABLE 155 BRAZIL: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 146

9.6.2 ARGENTINA 146

9.6.2.1 Treatment capacity increase and foreign investments 146

TABLE 156 ARGENTINA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 146

TABLE 157 ARGENTINA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 147

9.6.3 REST OF SOUTH AMERICA 147

TABLE 158	REST OF SOUTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2018-2021 (USD MILLION)	147
TABLE 159	REST OF SOUTH AMERICA: MEMBRANES MARKET, BY APPLICATION, 2022-2027 (USD MILLION)	147
10	COMPETITIVE LANDSCAPE	148
10.1	INTRODUCTION	148
10.2	MEMBRANES MARKET, KEY DEVELOPMENTS	148
TABLE 160	OVERVIEW OF STRATEGIES ADOPTED BY KEY MARKET PLAYERS	148
10.3	RANKING ANALYSIS OF KEY MARKET PLAYERS	149
10.3.1	DUPONT	149
10.3.2	TORAY INDUSTRIES, INC.	150
10.3.3	HYDRANAUTICS (A NITTO GROUP COMPANY)	150
10.3.4	KOCH SEPARATION SOLUTIONS	150
10.3.5	PALL CORPORATION	150
10.4	MARKET SHARE ANALYSIS	150
FIGURE 28	MEMBRANES: MARKET SHARE ANALYSIS	151
10.5	MARKET EVALUATION MATRIX	151
TABLE 161	MARKET EVALUATION MATRIX	151
10.6	COMPETITIVE EVALUATION QUADRANT (TIER 1)	152
10.6.1	STARS	152
10.6.2	EMERGING LEADERS	152
10.6.3	PERVASIVE PLAYERS	152
10.6.4	PARTICIPANTS	152
FIGURE 29	MEMBRANES MARKET (GLOBAL) COMPANY EVALUATION MATRIX FOR TIER 1 COMPANIES	153
10.7	COMPANY TYPE FOOTPRINT	154
10.8	COMPANY INDUSTRY FOOTPRINT	155
10.9	COMPANY REGION FOOTPRINT	156
10.10	STRENGTH OF STRATEGY EXCELLENCE	157
10.11	STRENGTH OF PRODUCT PORTFOLIO	158
10.12	COMPETITIVE EVALUATION QUADRANT, OTHER PLAYERS	159
10.12.1	STARTING BLOCKS	159
10.12.2	RESPONSIVE COMPANIES	159
10.12.3	PROGRESSIVE COMPANIES	159
10.12.4	DYNAMIC COMPANIES	159
FIGURE 30	MEMBRANES MARKET (GLOBAL): COMPANY EVALUATION MATRIX FOR SMES	160
10.13	COMPETITIVE BENCHMARKING	161
TABLE 162	MEMBRANES MARKET: DETAILED LIST OF SMES	161
TABLE 163	MEMBRANES MARKET: COMPETITIVE BENCHMARKING OF SMES	162
10.14	COMPETITIVE SITUATION & TRENDS	163
10.14.1	PRODUCT LAUNCHES	163
TABLE 164	MEMBRANES MARKET: PRODUCT LAUNCHES, 2019-2022	163
10.14.2	DEALS	164
TABLE 165	MEMBRANES MARKET: DEALS, 2019-2022	164
10.14.3	OTHERS	165
TABLE 166	MEMBRANES MARKET: OTHERS, 2019-2022	165
11	COMPANY PROFILES	166
	(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) *	
11.1	KEY PLAYERS	166

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11.1.1	DUPONT	166
TABLE 167	DUPONT: COMPANY OVERVIEW	166
FIGURE 31	DUPONT: COMPANY SNAPSHOT	167
TABLE 168	DUPONT: PRODUCT OFFERINGS	167
TABLE 169	DUPONT: DEALS	168
11.1.2	TORAY INDUSTRIES, INC.	170
TABLE 170	TORAY INDUSTRIES, INC.: COMPANY OVERVIEW	170
FIGURE 32	TORAY INDUSTRIES, INC.: COMPANY SNAPSHOT	171
TABLE 171	TORAY INDUSTRIES, INC.: PRODUCT OFFERINGS	171
TABLE 172	TORAY INDUSTRIES, INC.: PRODUCT LAUNCHES	172
TABLE 173	TORAY INDUSTRIES, INC.: DEALS	172
11.1.3	HYDRANAUTICS (A NITTO GROUP COMPANY)	174
TABLE 174	HYDRANAUTICS: COMPANY OVERVIEW	174
FIGURE 33	HYDRANAUTICS: COMPANY SNAPSHOT	175
TABLE 175	HYDRANAUTICS: PRODUCT OFFERINGS	175
TABLE 176	HYDRANAUTICS: PRODUCT LAUNCHES	176
11.1.4	KOCH SEPARATION SOLUTIONS	178
TABLE 178	KOCH SEPARATION SOLUTIONS: COMPANY OVERVIEW	178
TABLE 179	KOCH SEPARATION SOLUTIONS: PRODUCT OFFERINGS	178
TABLE 180	KOCH SEPARATION SOLUTIONS: PRODUCT LAUNCHES	179
TABLE 182	KOCH SEPARATION SOLUTIONS: OTHER DEVELOPMENTS	180
11.1.5	PALL CORPORATION	182
TABLE 183	PALL CORPORATION: COMPANY OVERVIEW	182
FIGURE 34	PALL CORPORATION: COMPANY SNAPSHOT	183
TABLE 184	PALL CORPORATION: PRODUCT OFFERINGS	183
TABLE 185	PALL CORPORATION: DEALS	184
11.1.6	SUEZ WATER TECHNOLOGIES AND SOLUTIONS	186
TABLE 186	SUEZ WATER TECHNOLOGIES AND SOLUTIONS: COMPANY OVERVIEW	186
TABLE 187	SUEZ WATER TECHNOLOGIES AND SOLUTIONS: PRODUCT OFFERINGS	186
TABLE 189	SUEZ WATER TECHNOLOGIES AND SOLUTIONS: OTHER DEVELOPMENTS	187
11.1.7	PENTAIR	189
TABLE 190	PENTAIR: COMPANY OVERVIEW	189
FIGURE 35	PENTAIR: COMPANY SNAPSHOT	190
TABLE 191	PENTAIR: PRODUCT OFFERINGS	190
TABLE 192	PENTAIR: PRODUCT LAUNCHES	191
11.1.8	ASAHI KASEI	193
TABLE 193	ASAHI KASEI CORPORATION: COMPANY OVERVIEW	193
FIGURE 36	ASAHI KASEI CORPORATION: COMPANY SNAPSHOT	194
TABLE 194	ASAHI KASEI CORPORATION: PRODUCT OFFERINGS	194
11.1.9	LG CHEM	196
TABLE 195	LG CHEM: COMPANY OVERVIEW	196
FIGURE 37	LG CHEM: COMPANY SNAPSHOT	196
TABLE 196	LG CHEM: PRODUCT OFFERINGS	197
TABLE 197	LG CHEM: PRODUCT LAUNCHES	197
11.1.10	MANN+HUMMEL	199
TABLE 199	MANN+HUMMEL: COMPANY OVERVIEW	199
FIGURE 38	MANN+HUMMEL: COMPANY SNAPSHOT	199

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TABLE 200 MANN+HUMMEL: PRODUCT OFFERINGS 200

11.1.11 THE 3M COMPANY 202

TABLE 201 3M: COMPANY OVERVIEW 202

FIGURE 39 3M: COMPANY SNAPSHOT 202

TABLE 202 3M: PRODUCT OFFERINGS 203

11.2 OTHER PLAYERS 205

11.2.1 ALSYS 205

11.2.2 APPLIED MEMBRANES, INC. 205

11.2.3 AQUATECH INTERNATIONAL LLC 205

11.2.4 AXEON WATER TECHNOLOGIES 205

11.2.5 CEMBRANE A/S 206

11.2.6 GEA GROUP AKTIENGESELLSCHAFT 206

11.2.7 ION EXCHANGE (INDIA) LIMITED 206

11.2.8 MEMBRANIUM 206

11.2.9 MERCK KGAA 206

11.2.10 PARKER HANNIFIN CORPORATION 207

11.2.11 PERMIONICS MEMBRANES PVT. LTD. 207

11.2.12 SCINOR WATER AMERICA LLC 207

11.2.13 SYNDER FILTRATION 207

11.2.14 TOYOBO CO., LTD. 208

11.2.15 VONTRON TECHNOLOGY CO., LTD. 208

\*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

12 APPENDIX 209

12.1 DISCUSSION GUIDE 209

12.2 KNOWLEDGE STORE: MARKET SAND MARKETS' SUBSCRIPTION PORTAL 213

12.3 AVAILABLE CUSTOMIZATIONS 215

12.4 RELATED REPORTS 215

12.5 AUTHOR DETAILS 216

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