

# Membrane Filtration Market Technology (Microfiltration, Ultrafiltration, Nanofiltration, Reverse Osmosis & Ion Exchange), Application (Cell Separation, Protein Purification, Sterilization), End user (Pharma and Biopharma) – Global Forecast to 2018

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## **Abstracts**

Membrane filtration is a widely used separation technique in the pharmaceutical and biotechnology industries. It finds extensive applications in the biopharmaceutical industry as biopharmaceutical products and their intermediates are susceptible to degradation due to heat and chemical treatment, and so are difficult to separate using other techniques. Membrane filtration has been used in pharmaceutical industry since 1935 and it is presently one of the most widely adopted separation techniques in this industry.

The global pharmaceutical membrane filtration market is segmented on the basis of technology, application, and region. The technology segments included in the report are microfiltration, ultrafiltration, nanofiltration, reverse osmosis, and ion exchange; the application segments are cell separation, protein purification, sterilization, virus removal, and water management; while the geographic segments are North America, Europe, Asia-Pacific, and Rest of the World (RoW). The major factor driving the growth of this market is the growth of the global pharmaceutical industry. The adoption rate of membrane filtration in Europe and North America is very high. Further, increasing adoption rate in the Asia-Pacific segment and increasing demand for single use technology will further drive this market. Therefore, the pharmaceutical membrane filtration market is expected to witness a high growth in the forecast period.



Membrane filtration is also used widely for protein purification in the pharmaceutical industry. Other important applications of this technology in the pharmaceutical industry are cell separation and water treatment. Microfiltration and ultrafiltration are the most widely used filtration technologies in the pharmaceutical industry. In 2013, Europe was the largest market for pharmaceutical membrane filtration. However, the North American market is expected to grow rapidly in the forecast period between 2013 and 2018 and is expected to be as large as that of Europe by 2018.

## **Reasons to Buy the Report:**

Market Penetration: Comprehensive information on product portfolios of top players in the pharmaceutical membrane filtration market. The report analyzes the pharmaceutical membrane filtration market by application across geographies.

Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new product launches in the pharmaceutical membrane filtration market.

Market Diversification: Exhaustive information about new technologies, applications, and emerging geographies in the pharmaceutical membrane filtration market.

Competitive Assessment: In-depth assessment of market shares, strategies, geographic and business segments, and product portfolios of leading players in the pharmaceutical membrane filtration market.



## **Contents**

#### 1. INTRODUCTION

- 1.1 Introduction Evaluation
- 1.2 Research Methodology (1/3)
- 1.3 Market Segmentation
- 1.4 Market Scope

#### **2 EXECUTIVE OVERVIEW**

- 2.1 Executive Summary Market Size and Forecast
- 2.2 Membrane Filtration Market by Technology
- 2.3 Membrane Filtration Market by Application
- 2.4 Membrane Filtration Market by Geography
- 2.5 Executive Summary Discussion

#### **3 MARKET DYNAMICS**

- 3.1 Market Overview
- 3.2 Market Metrics
- 3.3 Market Dynamics Drivers and Restraints
  - 3.3.1 Market Dynamics Drivers (1/3)
  - 3.3.2 Market Dynamics Restraints (1/3)
- 3.4 Market Share Analysis (1/5)

## **4 MEMBRANE FILTRATION MARKET – BY TECHNOLOGY**

- 4.1 Membrane Filtration Market By Technology
  - 4.1.1 Technology Segmentation
  - 4.1.2 Technology Segmentation Forecast
  - 4.1.3 Technology Segmentation Discussion
- 4.2 Microfiltration (1/3)
- 4.3 Ultrafiltration (1/3)
- 4.4 Nanofiltration (1/3)
- 4.5 Reverse Osmosis (1/3)
- 4.6 Ion Exchange (1/3)

## 5. MEMBRANE FILTRATION MARKET - BY APPLICATION



- 5.1 Membrane Filtration Market By Application
  - 5.1.1 Application Segmentation
  - 5.1.2 Application Segmentation Forecast
  - 5.1.3 Application Segmentation Discussion
- 5.2 Cell Separation (1/3)
- 5.3 Protein Purification (1/3)
- 5.4 Sterilization (1/3)
- 5.5 Virus Removal (1/3)
- 5.6 Water Management (1/3)

#### 6. MEMBRANE FILTRATION MARKET – BY GEOGRAPHY 76-126

- 6.1 Membrane Filtration Market By Geography
  - 6.1.1 Geographic Segmentation
  - 6.1.2 Geographic Segmentation Forecast (1/3)
  - 6.1.3 Geographic Segmentation Discussion
- 6.2 North America Segment Overview
  - 6.2.1 North America Market Metrics
  - 6.2.2 North America Overview
  - 6.2.3 North America Technology Segmentation (1/4)
  - 6.2.4 North America Application Segmentation (1/4)
- 6.3 Europe Segment Overview
  - 6.3.1 Europe Market Metrics
  - 6.3.2 Europe Overview
  - 6.3.3 Europe Technology Segmentation (1/4)
  - 6.3.4 Europe Application Segmentation (1/4)
- 6.4 Asia-Pacific Segment Overview
  - 6.4.1 Asia-Pacific Market Metrics
  - 6.4.2 Asia-Pacific Overview
  - 6.4.3 Asia-Pacific Technology Segmentation (1/4)
  - 6.4.4 Asia-Pacific Application Segmentation (1/4)
- 6.5 RoW Segment Overview
  - 6.5.1 RoW Market Metrics
  - 6.5.2 RoW Overview
  - 6.5.3 RoW Technology Segmentation (1/4)
  - 6.5.4 RoW Application Segmentation (1/4)

## 7. COMPETITIVE LANDSCAPE



- 7.1 Developments
- 7.2 Mergers and Acquisitions (1/2)
- 7.3 Agreements, Collaborations, Joint Ventures, and Partnerships (1/3)
- 7.4 New Product Launches (1/6)
- 7.5 Expansions (1/4)
- 7.6 Other Developments

#### 8. COMPANY PROFILES

- 8.1 3M
- 8.2 Alfa Laval
- 8.3 GE
- 8.4 GEA Group
- 8.5 Graver Technologies
- 8.6 Koch Membrane Systems
- 8.7 MECO
- 8.8 Merck Millipore
- 8.9 Novasep
- 8.10 Pall Corporation
- 8.11 Sartorius Stedim Biotech
- 8.12 Spectrum Laboratories

#### **SECTION #I:**

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 VS. 2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 VS. 2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2013 VS. 2018 (\$MILLION)

## **SECTION #II:**

GLOBAL MEMBRANE FILTRATION MARKET: MARKET METRICS (2013–2018)



GLOBAL MEMBRANE FILTRATION MARKET: IMPACT ANALYSIS OF DRIVERS GLOBAL MEMBRANE FILTRATION MARKET: IMPACT ANALYSIS OF RESTRAINTS GLOBAL MEMBRANE FILTRATION MARKET: MARKET LEADERS, 2013 GLOBAL MEMBRANE FILTRATION MARKET: COMPETITIVE STRUCTURE, 2013

#### **SECTION #III:**

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2010–2018 (\$MILLION)

MICROFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR MICROFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

ULTRAFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR ULTRAFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

NANOFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR NANOFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

REVERSE OSMOSIS MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR REVERSE OSMOSIS MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

ION EXCHANGE MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR ION EXCHANGE MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

#### **SECTION #IV:**

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2010–2018 (\$MILLION)

CELL SEPARATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR CELL SEPARATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

PROTEIN PURIFICATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

FORECAST FOR PROTEIN PURIFICATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

STERILIZATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)



FORECAST FOR STERILIZATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

VIRUS REMOVAL MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR VIRUS REMOVAL MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

WATER MANAGEMENT MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) FORECAST FOR WATER MANAGEMENT MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

#### **SECTION #V:**

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2013 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET, BY GEOGRAPHY, 2010–2018 (\$MILLION)

FORECAST FOR GLOBAL MEMBRANE FILTRATION MARKET, BY GEOGRAPHY, 2010–2018 (\$MILLION)

NORTH AMERICA DEMOGRAPHIC INFORMATION

MEMBRANE FILTRATION MARKET: NORTH AMERICA - MARKET METRICS (2013–2018)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

FORECAST FOR NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018(\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

FORECAST FOR NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

EUROPE DEMOGRAPHIC INFORMATION

MEMBRANE FILTRATION MARKET: EUROPE-MARKET METRICS (2013–2018) EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)



EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

FORECAST FOR EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

FORECAST FOR EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

ASIA-PACIFIC DEMOGRAPHIC INFORMATION

MEMBRANE FILTRATION MARKET: ASIA-PACIFIC—MARKET METRICS (2013–2018) ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

FORECAST FOR ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

FORECAST FOR ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

ROW DEMOGRAPHIC INFORMATION

MEMBRANE FILTRATION MARKET: ROW - MARKET METRICS (2013–2018) ROW MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

ROW MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

FORECAST FOR ROW MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

ROW MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

ROW MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

FORECAST FOR ROW MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)



## **SECTION: COMPETITIVE LANDSCAPE**

MERGERS AND ACQUISITIONS (2011–2013)
AGREEMENTS, COLLABORATIONS, JOINT VENTURES AND PARTNERSHIPS (2011–2013)
NEW PRODUCT LAUNCHES (2011–2013)
EXPANSIONS (2011–2013)

OTHER DEVELOPMENTS (2011–2013)

## **SECTION: COMPANY PROFILE**

3M COMPANY AT A GLANCE

ALFA LAVAL COMPANY AT A GLANCE

GE COMPANY AT A GLANCE

**GE DEVELOPMENTS** 

GEA COMPANY AT A GLANCE

GRAVER TECHNOLOGIES COMPANY AT A GLANCE

**GRAVER TECHNOLOGIES DEVELOPMENTS** 

KOCH MEMBRANES COMPANY AT A GLANCE

**KOCH MEMBRANES DEVELOPMENTS** 

MECO COMPANY AT A GLANCE

MECO DEVELOPMENTS

MERCK MILLIPORE DEVELOPMENTS

NOVASEP COMPANY AT A GLANCE

NOVASEP DEVELOPMENTS

PALL CORPORATION DEVELOPMENTS

SARTORIUS STEDIM BIOTECH DEVELOPMENTS

SPECTRUM LABORATORIES COMPANY AT A GLANCE

SPECTRUM LABORATORIES DEVELOPMENTS

## Section #I:

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 VS. 2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 VS.



2018 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2013 VS. 2018 (\$MILLION)

#### Section #II:

GLOBAL MEMBRANE FILTRATION MARKET: DRIVERS AND RESTRAINTS
GLOBAL MEMBRANE FILTRATION MARKET: COMPETITIVE STRUCTURE, 2013

## Section #III:

TECHNOLOGY SEGMENTS IN GLOBAL PHARMACEUTICAL MAMBRANE FILTRATION MARKET

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2010–2018 (\$MILLION)

MICROFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) ULTRAFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) NANOFILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) REVERSE OSMOSIS MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) ION EXCHANGE MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

#### Section #IV:

APPLICATION SEGMENTS IN GLOBAL PHARMACEUTICAL MAMBRANE FILTRATION MARKET

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2010–2018 (\$MILLION)

CELL SEPARATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) PREOTEIN PURIFICATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

STERILIZATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) VIRUS REMOVAL MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION) WATER MANAGEMENT MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

## Section #V:



GEOGRAPHIC SEGMENTS IN GLOBAL PHARMACEUTICAL MAMBRANE FILTRATION MARKET

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2013 (\$MILLION)

GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

FORECAST FOR GLOBAL MEMBRANE FILTRATION MARKET VALUE, BY GEOGRAPHY, 2010–2018 (\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

NORTH AMERICAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

EUROPEAN MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)

ASIA-PACIFIC MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

ROW MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013 (\$MILLION)

ROW MEMBRANE FILTRATION MARKET VALUE, BY TECHNOLOGY, 2013–2018 (\$MILLION)

ROW MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013 (\$MILLION)



ROW MEMBRANE FILTRATION MARKET VALUE, BY APPLICATION, 2013–2018 (\$MILLION)

**Section: Competitive Landscape** 

MEMBRANE FILTRATION MARKET: DEVELOPMENT OVERVIEW, 2011–2013

**Section: Company Profile** 

3M RECENT FINANCIALS

3M GEOGRAPHIC REVENUE MIX

3M BUSINESS REVENUE MIX

ALFA LAVAL RECENT FINANCIALS

ALFA LAVAL GEOGRAPHIC REVENUE MIX

ALFA LAVAL BUSINESS REVENUE MIX

GE RECENT FINANCIALS

GE GEOGRAPHIC REVENUE MIX

GE BUSINESS REVENUE MIX

**GEA RECENT FINANCIALS** 

GEA GEOGRAPHIC REVENUE MIX

GEA BUSINESS REVENUE MIX

MERCK MILLIPORE RECENT FINANCIALS

MERCK MILLIPORE GEOGRAPHIC REVENUE MIX

MERCK MILLIPORE BUSINESS REVENUE MIX

PALL CORPORATION RECENT FINANCIALS

PALL CORPORATION GEOGRAPHIC REVENUE MIX

PALL CORPORATION BUSINESS REVENUE MIX

SARTORIUS STEDIM BIOTECH RECENT FINANCIALS

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