

South Korea Pharmaceutical Filtration Market Size, Share, Trends and Forecast by Product, Technique, Application, Scale of Operation, and Region, 2026-2034

<https://marketpublishers.com/r/S77FB9E38152EN.html>

Date: July 2026

Pages: 121

Price: US\$ 2,999.00 (Single User License)

ID: S77FB9E38152EN

Abstracts

The South Korea pharmaceutical filtration market size reached USD 358.7 Million in 2025. Looking forward, the market is projected to reach USD 1,407.8 Million by 2034, exhibiting a growth rate (CAGR) of 15.91% during 2026-2034. The market is driven by increasing biopharmaceutical R&D investments, stringent regulatory requirements for drug purity and safety, and the rising prevalence of chronic diseases. The expanding biotechnology sector and growing demand for advanced therapeutic solutions also influence the South Korea pharmaceutical filtration market share.

SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET TRENDS:

Surging Growth of the Biopharmaceutical Industry

South Korea's biopharmaceutical industry is experiencing robust growth, characterized by significant investments in research and development, particularly in areas such as monoclonal antibodies, recombinant proteins, and vaccines. This expansion necessitates highly specialized and efficient filtration technologies for critical processes like protein purification, cell culture media preparation, and viral clearance. As biopharmaceuticals are large, complex molecules, their manufacturing demands stringent purity and safety standards that can only be met with advanced filtration solutions. This burgeoning biopharmaceutical sector is a primary catalyst for the South Korea pharmaceutical filtration market growth, driving demand for innovative and high-performance filters. For instance, in April 2025, SK pharmteco invested \$260 Million in a new 135,800 sq ft facility in Sejong, South Korea, to expand its peptide and small-

molecule API manufacturing capabilities. The five-story site will feature eight production trains, cGMP kilo labs, a pilot plant, and peptide R&D facilities, supporting both early-stage and commercial pharmaceutical production. This expansion reinforces South Korea's role in global biopharmaceutical manufacturing and aligns with rising demand for advanced therapies, strengthening the country's pharmaceutical infrastructure and supply chain resilience.

Strict Regulatory Landscape and Quality Assurance

The South Korea pharmaceutical filtration market is profoundly influenced by the nation's stringent regulatory framework, which aligns with global Good Manufacturing Practices (GMP) and other international quality standards. Pharmaceutical manufacturers are mandated to ensure the highest levels of product purity, sterility, and safety, making robust filtration processes indispensable. This regulatory environment compels companies to adopt validated filtration systems capable of consistently removing contaminants, particulates, and microorganisms. The continuous emphasis on quality assurance and compliance with evolving regulatory requirements is a key factor stimulating the South Korea pharmaceutical filtration market growth, as manufacturers invest in reliable and certified filtration technologies. For instance, in June 2024, India, the US, Japan, South Korea, and the EU launched a Biopharmaceutical Alliance at the Bio International Convention 2024 in San Diego to strengthen global drug supply chains. The alliance aims to coordinate bio policies, R&D support, and regulations, while creating a detailed pharmaceutical supply chain map. This initiative responds to drug shortages experienced during the COVID-19 pandemic and seeks to reduce dependence on limited sources of essential raw materials by fostering resilient and sustainable biopharma manufacturing collaboration among member nations.

SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country/regional level for 2026-2034. Our report has categorized the market based on product, technique, application, and scale of operation.

Product Insights:

Membrane Filters

MCE Membrane Filters

Coated Cellulose Acetate Membrane Filters

PTFE Membrane Filters

Nylon Membrane Filters

PVDF Membrane Filters

Others

Prefilters and Depth Media

Glass Fiber Filters

PTFE Fiber Filters

Single-Use Systems

Cartridges and Capsules

Filter Holders

Filtration Accessories

The report has provided a detailed breakup and analysis of the market based on the product. This includes membrane filters (MCE membrane filters, coated cellulose acetate membrane filters, PTFE membrane filters, nylon membrane filters, PVDF membrane filters, and others), prefilters and depth media (glass fiber filters and PTFE fiber filters), single-use systems, cartridges and capsules, filter holders, filtration accessories, and others.

Technique Insights:

Microfiltration

Ultrafiltration

Crossflow Filtration

Nanofiltration

A detailed breakup and analysis of the market based on the technique have also been provided in the report. This includes microfiltration, ultrafiltration, crossflow filtration, nanofiltration, and others.

Application Insights:

Final Product Processing

Active Pharmaceutical Ingredient Filtration

Sterile Filtration

Protein Purification

Vaccines and Antibody Processing

Formulation and Filling Solutions

Viral Clearance

Raw Material Filtration

Media Buffer

Pre-Filtration

Bioburden Testing

Cell Separation

Water Purification

Air Purification

The report has provided a detailed breakup and analysis of the market based on the application. This includes final product processing (active pharmaceutical ingredient filtration, sterile filtration, protein purification, vaccines and antibody processing, formulation and filling solutions, and viral clearance), raw material filtration (media buffer, pre-filtration, and bioburden testing), cell separation, water purification, and air purification.

Scale of Operation Insights:

Manufacturing Scale

Pilot-Scale

Research and Development Scale

The report has provided a detailed breakup and analysis of the market based on the scale of operation. This includes manufacturing scale, pilot-scale, and research and development scale.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player

positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea pharmaceutical filtration market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea pharmaceutical filtration market on the basis of product?

What is the breakup of the South Korea pharmaceutical filtration market on the basis of technique?

What is the breakup of the South Korea pharmaceutical filtration market on the basis of application?

What is the breakup of the South Korea pharmaceutical filtration market on the basis of scale of operation?

What is the breakup of the South Korea pharmaceutical filtration market on the basis of region?

What are the various stages in the value chain of the South Korea pharmaceutical filtration market?

What are the key driving factors and challenges in the South Korea pharmaceutical filtration market?

What is the structure of the South Korea pharmaceutical filtration market and who are the key players?

What is the degree of competition in the South Korea pharmaceutical filtration market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET - BREAKUP BY PRODUCT

- 6.1 Membrane Filters
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Segmentation
 - 6.1.3.1 MCE Membrane Filters
 - 6.1.3.2 Coated Cellulose Acetate Membrane Filter

- 6.1.3.3 PTFE Membrane Filters
- 6.1.3.4 Nylon Membrane Filters
- 6.1.3.5 PVDF Membrane Filters
- 6.1.3.6 Others
- 6.1.4 Market Forecast (2026-2034)
- 6.2 Prefilters and Depth Media
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)
 - 6.2.3 Market Segmentation
 - 6.2.3.1 Glass Fiber Filters
 - 6.2.3.2 PTFE Fiber Filters
 - 6.2.4 Market Forecast (2026-2034)
- 6.3 Single-use Systems
 - 6.3.1 Overview
 - 6.3.2 Historical and Current Market Trends (2020-2025)
 - 6.3.3 Market Forecast (2026-2034)
- 6.4 Cartridges and Capsules
 - 6.4.1 Overview
 - 6.4.2 Historical and Current Market Trends (2020-2025)
 - 6.4.3 Market Forecast (2026-2034)
- 6.5 Filter Holders
 - 6.5.1 Overview
 - 6.5.2 Historical and Current Market Trends (2020-2025)
 - 6.5.3 Market Forecast (2026-2034)
- 6.6 Filtration Accessories
 - 6.6.1 Overview
 - 6.6.2 Historical and Current Market Trends (2020-2025)
 - 6.6.3 Market Forecast (2026-2034)
- 6.7 Others
 - 6.7.1 Historical and Current Market Trends (2020-2025)
 - 6.7.2 Market Forecast (2026-2034)

7 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET - BREAKUP BY TECHNIQUE

- 7.1 Microfiltration
 - 7.1.1 Overview
 - 7.1.2 Historical and Current Market Trends (2020-2025)
 - 7.1.3 Market Forecast (2026-2034)

7.2 Ultrafiltration

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Crossflow Filtration

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

7.4 Nanofiltration

7.4.1 Overview

7.4.2 Historical and Current Market Trends (2020-2025)

7.4.3 Market Forecast (2026-2034)

7.5 Others

7.5.1 Historical and Current Market Trends (2020-2025)

7.5.2 Market Forecast (2026-2034)

8 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET - BREAKUP BY APPLICATION

8.1 Final Product Processing

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Segmentation

8.1.3.1 Active Pharmaceutical Ingredient Filtration

8.1.3.2 Sterile Filtration

8.1.3.3 Protein Purification

8.1.3.4 Vaccines and Antibody Processing

8.1.3.5 Formulation and Filling Solutions

8.1.3.6 Viral Clearance

8.1.4 Market Forecast (2026-2034)

8.2 Raw Material Filtration

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Segmentation

8.2.3.1 Media Buffer

8.2.3.2 Pre-Filtration

8.2.3.3 Bioburden Testing

8.2.4 Market Forecast (2026-2034)

8.3 Cell Separation

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

8.4 Water Purification

8.4.1 Overview

8.4.2 Historical and Current Market Trends (2020-2025)

8.4.3 Market Forecast (2026-2034)

8.5 Air Purification

8.5.1 Overview

8.5.2 Historical and Current Market Trends (2020-2025)

8.5.3 Market Forecast (2026-2034)

9 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET - BREAKUP BY SCALE OF OPERATION

9.1 Manufacturing Scale

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Forecast (2026-2034)

9.2 Pilot-scale

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Forecast (2026-2034)

9.3 Research and Development Scale

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Forecast (2026-2034)

10 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET – BREAKUP BY REGION

10.1 Seoul Capital Area

10.1.1 Overview

10.1.2 Historical and Current Market Trends (2020-2025)

10.1.3 Market Breakup by Product

10.1.4 Market Breakup by Technique

10.1.5 Market Breakup by Application

10.1.6 Market Breakup by Scale of Operation

10.1.7 Key Players

- 10.1.8 Market Forecast (2026-2034)
- 10.2 Yeongnam (Southeastern Region)
 - 10.2.1 Overview
 - 10.2.2 Historical and Current Market Trends (2020-2025)
 - 10.2.3 Market Breakup by Product
 - 10.2.4 Market Breakup by Technique
 - 10.2.5 Market Breakup by Application
 - 10.2.6 Market Breakup by Scale of Operation
 - 10.2.7 Key Players
 - 10.2.8 Market Forecast (2026-2034)
- 10.3 Honam (Southwestern Region)
 - 10.3.1 Overview
 - 10.3.2 Historical and Current Market Trends (2020-2025)
 - 10.3.3 Market Breakup by Product
 - 10.3.4 Market Breakup by Technique
 - 10.3.5 Market Breakup by Application
 - 10.3.6 Market Breakup by Scale of Operation
 - 10.3.7 Key Players
 - 10.3.8 Market Forecast (2026-2034)
- 10.4 Hoseo (Central Region)
 - 10.4.1 Overview
 - 10.4.2 Historical and Current Market Trends (2020-2025)
 - 10.4.3 Market Breakup by Product
 - 10.4.4 Market Breakup by Technique
 - 10.4.5 Market Breakup by Application
 - 10.4.6 Market Breakup by Scale of Operation
 - 10.4.7 Key Players
 - 10.4.8 Market Forecast (2026-2034)
- 10.5 Others
 - 10.5.1 Historical and Current Market Trends (2020-2025)
 - 10.5.2 Market Forecast (2026-2034)

11 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET – COMPETITIVE LANDSCAPE

- 11.1 Overview
- 11.2 Market Structure
- 11.3 Market Player Positioning
- 11.4 Top Winning Strategies

- 11.5 Competitive Dashboard
- 11.6 Company Evaluation Quadrant

12 PROFILES OF KEY PLAYERS

12.1 Company A

- 12.1.1 Business Overview
- 12.1.2 Products Offered
- 12.1.3 Business Strategies
- 12.1.4 SWOT Analysis
- 12.1.5 Major News and Events

12.2 Company B

- 12.2.1 Business Overview
- 12.2.2 Products Offered
- 12.2.3 Business Strategies
- 12.2.4 SWOT Analysis
- 12.2.5 Major News and Events

12.3 Company C

- 12.3.1 Business Overview
- 12.3.2 Products Offered
- 12.3.3 Business Strategies
- 12.3.4 SWOT Analysis
- 12.3.5 Major News and Events

12.4 Company D

- 12.4.1 Business Overview
- 12.4.2 Products Offered
- 12.4.3 Business Strategies
- 12.4.4 SWOT Analysis
- 12.4.5 Major News and Events

12.5 Company E

- 12.5.1 Business Overview
- 12.5.2 Products Offered
- 12.5.3 Business Strategies
- 12.5.4 SWOT Analysis
- 12.5.5 Major News and Events

13 SOUTH KOREA PHARMACEUTICAL FILTRATION MARKET - INDUSTRY ANALYSIS

13.1 Drivers, Restraints, and Opportunities

13.1.1 Overview

13.1.2 Drivers

13.1.3 Restraints

13.1.4 Opportunities

13.2 Porters Five Forces Analysis

13.2.1 Overview

13.2.2 Bargaining Power of Buyers

13.2.3 Bargaining Power of Suppliers

13.2.4 Degree of Competition

13.2.5 Threat of New Entrants

13.2.6 Threat of Substitutes

13.3 Value Chain Analysis

14 APPENDIX

I would like to order

Product name: South Korea Pharmaceutical Filtration Market Size, Share, Trends and Forecast by Product, Technique, Application, Scale of Operation, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/S77FB9E38152EN.html>

Price: US\$ 2,999.00 (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/S77FB9E38152EN.html>