

# **Sterile Filtration Market by Product (Cartridge, Capsule Filter), Application (API, Vaccine, Antibody, Media, Formulation & Fill Finish), Membrane (PES, PVDF, PTFE), Pore Size, End User (Pharma & Biotech, F&B, CMO) - Global Forecast to 2028**

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## **Abstracts**

The global sterile filtration market is projected to reach USD 15.3 billion by 2028 from USD 8.9 billion in 2023, at a CAGR of 11.4% during the forecast period of 2023 to 2028. The growth of this market is majorly driven by the demand for sterile filtration in pharmaceutical industry. This can be attributed to the launch of new biologics-based drugs. As biological medicines are often infused or injected, they require highly specialized manufacturing, special storage & handling, and a tightly controlled, high-quality manufacturing and distribution network to ensure their safety and effectiveness. This has increased the adoption of sterile filtration across the pharmaceutical sector, thus driving the market growth.

“The raw material filtration sub-segment accounted for the second largest share of the application segment during the forecast period”

In 2022, the raw material filtration segment was the second-largest and fastest-growing application segment in the global sterile filtration market. The increasing focus of regulatory bodies on ensuring the safety of the manufacturing processes has made raw material filtration a crucial process. The process analytical technology (PAT) initiative from the FDA and the resulting supervision of industry players plays a critical role in ensuring quality control of raw materials in the pharmaceutical manufacturing processes. This is a major factor driving the growth of this application segment.

“Europe: The second largest region in the sterile filtration market”

The region is witnessing increasing investments to develop biologics, drugs, and advanced dosage forms and the impending patent expiration of several blockbuster drugs, implying a rise in patent applications. Owing to this, several companies in the region are focusing on R&D that is boosting the demand for sterile filters which is expected to drive the sterile filtration market in Europe during the forecast period.

The primary interviews conducted for this report can be categorized as follows:

By Respondent: Supply Side- 80% and Demand Side 20%

By Designation: C-level - 45%, D-level - 30%, and Others - 25%

By Region: North America -20%, Europe -10%, Asia-Pacific -55%, Latin America -10%, Middle East & Africa- 5%

List of Companies Profiled in the Report:

Merck KGaA (Germany)

Danaher Corporation (US)

Sartorius AG (Germany)

Thermo Fisher Scientific, Inc. (US)

3M (US)

Parker Hannifin Corp. (US)

Porvair PLC (UK)

Alfa Laval (Sweden)

Donaldson Company, Inc. (US)

Corning Incorporated (US)

Eaton (US)

GVS S.p.A (Italy)

Sterlitech Corporation (US)

Meissner Filtration Products, Inc. (US)

Cole-Parmer Instrument, LLC. (US)

Nupore Filtration Systems Pvt. Ltd. (India)

STARLAB International GmbH (Germany)

Amazon Filters Ltd. (UK)

AMD Manufacturing Inc. (Canada)

Hangzhou Cobetter Filtration Equipment Co. Ltd. (China)

Simsii, Inc. (US)

CELLTREAT Scientific Products (US)

Wyvern Scientific Inc. (Canada)

Trinity Filtration Technologies Pvt. Ltd. (India)

Filtrox AG (Switzerland)

#### Research Coverage:

This report provides a detailed picture of the sterile filtration market. It aims at estimating the size and future growth potential of the market across different segments such as the product, membrane type, pore size, application, end user and region. The report also includes an in-depth competitive analysis of the key market players along with their company profiles recent developments and key market strategies.

## Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges

## The report provides insights on the following pointers:

Analysis of key drivers (growing demand for sterile filtration in pharmaceutical industry, increasing need for sterile filters in food & beverage industry, increased demand for sterile water in end-use industries, adoption of single-use devices and disposables, advantages of sterile filters over non-sterile filters), restraints (fouling of membrane filters, requirement of high capital investments for new production facilities, increased regulatory requirements for sterile filtration plants), opportunities (development and use of advanced filters for sterile filtration, developing pharmaceutical sector in emerging countries), and challenges (high price sensitivity among end users) influencing the growth of the market.

**Service Development/Innovation:** Detailed insights on newly launched products, and technological assessment of the sterile filtration market

**Market Development:** Comprehensive information about lucrative markets - the report analyses the market across varied regions.

**Market Diversification:** Exhaustive information about new products, untapped geographies, recent developments, and investments in the sterile filtration market

**Competitive Assessment:** In-depth assessment of market shares, growth strategies and products offerings of leading players like Merck KGaA (Germany), Danaher Corporation (US), Sartorius AG (Germany), Thermo Fisher Scientific Inc. (US), 3M (US), Parker Hannifin Corp (US), Porvair PLC (UK), Alfa Laval (Sweden), Donaldson Company, Inc (US), Corning Incorporated (US), Eaton (US), GVS SpA (Italy), Sterlitech Corporation (US), Meissner Filtration Products, Inc (US), Cole-Parmer Instrument, LLC (US), Nupore Filtration

Systems Pvt Ltd (India), STARLAB International GmbH (Germany), Amazon Filters Ltd. (UK), AMD Manufacturing Inc. (Canada). Hangzhou Cobetter Filtration Equipment Co., Ltd. (China). Sims, Inc. (US), CELLTREAT Scientific: Products (US), Wyvern Scientific Inc. (Canada), Trinity Filtration Technologies Pvt. Ltd. (India). Filtrox AG (Switzerland) and among others in the market.

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\*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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