

# **Global Sterile Filtration Market Size study, by Product ( Angioplasty Balloons, Cartridge filters, Capsule filters, Membranes, Syringe filters, Bottle-top & table-top filtration systems, Accessories), by Membrane Pore Size (2–0.22 µm, 45 µm, 1 µm), by Membrane Type (Polyethersulfone (PES), Polyvinylidene difluoride (PVDF), Nylon, Polytetrafluoroethylene (PTFE), Mixed cellulose ester & cellulose acetate (MCE & CA), Other materials), By Application (Fill-finish processes, Buffer filtration & cell culture media preparation, Bioburden reduction, Water purification, Air filtration), By End-User ( Pharmaceutical companies, Biopharmaceutical companies, Food & beverage companies, CMOs & CROs, Academic institutes & research laboratories) and Regional Forecasts 2020-2027**

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## **Abstracts**

Global Sterile Filtration Market is valued approximately at USD 4.7 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 8.2% over the forecast period 2020-2027. Sterilizing filtration is the method of extracting microorganisms from a fluid stream without adversely impacting the liquid. Sterile filtration goals include patient or consumer health, reducing patient risk, and creating more effective, non-harmful,

goods. Sterile filtration includes filtration equipment as well as filters. They can be pre-sterilized for the central sterilization process and are available in sealed containers. Advantages of sterile filters over non-sterile filters, demand for pure water in end-use industries along with increasing focus on developing large-molecule biopharmaceutical drugs are prominent factors contributing towards the market growth. Sterile filters are available in different forms for optimum filtration of liquids and gases, including syringes, tubes, capsules, and compact sterile filter systems. Non-sterile filters are used for general filtration and purification of samples. Sterile filters are more reliable for removing all microorganisms and particles from liquids or gases than non-sterile filters. Apart from this, the key players of the global sterile filtration market have adopted various strategies to gain competitive advantage including product launch, mergers and acquisition, partnerships and agreements, investment, funding and others. For instance, in 2019, Merck (Merck KGaA, German based pharmaceutical company) unveiled the Stericup Quick Release 500 ml Vacuum Filtration System and also expanded its distribution capacity in UK in the same year. Similarly, in 2019, Sartorius unveiled Sartolab MultiStation (filtration units). However, high price sensitivity among end users is likely to inhibit the market growth. Whereas, development and use of advanced filters for sterile filtration is expected to create significant growth opportunity in the market over the forecast period.

The regional analysis of the global Sterile Filtration market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to a large number of pharmaceutical and biotechnology and food & beverage companies in the region along with the presence of a well-established healthcare market. Whereas, Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as increasing R&D spending, rising prevalence of diseases, growing pharmaceutical research along with development of new biologics would create lucrative growth prospects for the Sterile Filtration market across the Asia-Pacific region.

Major market players included in this report are:

- Merck KGaA
- Danaher Corporation
- Sartorius AG
- GE Healthcare
- 3M
- Parker Hannifin Corporation
- Sterlitech Corporation

Alfa Laval AB  
Thermo Fisher Scientific  
Porvair Filtration Corp

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

- Angioplasty Balloons
- Cartridge filters
- Capsule filters
- Membranes
- Syringe filters
- Bottle-top & table-top filtration systems
- Accessories

By Membrane Pore Size:

- 2–0.22  $\mu\text{m}$
- 45  $\mu\text{m}$
- 1  $\mu\text{m}$

By Membrane Type:

- Polyethersulfone (PES)
- Polyvinylidene difluoride (PVDF)
- Nylon
- Polytetrafluoroethylene (PTFE)
- Mixed cellulose ester & cellulose acetate (MCE & CA)
- Other materials

By Application:

- Fill-finish processes
- Buffer filtration & cell culture media preparation
- Bioburden reduction
- Water purification
- Air filtration

By End-User:

Pharmaceutical companies  
Biopharmaceutical companies  
Food & beverage companies  
CMOs & CROs (Contract Research Organizations and contract manufacturing organization)  
Academic institutes & research laboratories

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Sterile Filtration Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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Danaher Corporation  
Sartorius AG  
GE Healthcare  
3M  
Parker Hannifin Corporation  
Sterlitech Corporation  
Alfa Laval AB  
Thermo Fisher Scientific  
Porvair Filtration Corp

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