



Filtration Technologies for Medical Device Manufacturers

Saint-Gobain Filtration Technologies offers co-developed purpose-built filtration solutions that address each of our customers' unique needs. The development and manufacture of critical Filtration Technologies requires a high degree of know-how and expertise to achieve the reliable performance demonstrated by Saint-Gobain's filtration solutions. By partnering with a filtration expert such as Saint-Gobain, medical device manufacturers are able to focus their resource and effort on the aspects of their device design and development that are aligned with their mission, core competencies, and areas of expertise, rather than building a new core competency in the field of filtration. As an example, in the most critical filtration applications, a failure or defect in the filtration membrane or seal can result in patients being exposed to bacteria, viruses, or other harmful contaminants. The know-how to both create a reliable membrane seal and verify through in-process and release testing that the seal is integral is paramount to the proper function of the device and to patient safety.

Saint-Gobain's expertise in developing customized filtration solutions and broad range of pre-existing customizable formats shortens the development cycle to bring a fit-for-purpose device to market. In addition, the capabilities at Saint-Gobain to validate, qualify, and otherwise test filtration products can reduce the amount of work for a device manufacturer to implement a Saint-Gobain filtration solution. Typical applications include endoscope reprocessing, ventilators and respirators and sterilization of water.

Filtration Membrane Materials

- PES
- PTFE
- PE
- Nylon
- Polypropylene
- Glass Fiber
- Activated Carbon Fiber

Capsule & Cartridge Materials

- Polypropylene
- Polyethylene
- Nylon

Note: When needed, additional materials, including custom and customer-supplied materials may be used.





Saint-Gobain Filtration Technologies

Our medical filters are optimized for seamless integration into medical products. Reducing the overall complexity of system design, our products allow for easy installation and removal.

Typical Applications

Gas Filtration - Liquid and Microbial Barrier

- Within Durable Equipment
- On Single-Use Devices

Sterile Liquid and Gas Filtration

- Reprocessing of Medical Devices
- Sterilization of Critical Fluids
- Pre-Filtration of Incoming Water

On-and Off-Site Testing Capabilities

- Filterability (optimization for extended on-stream life)
- Filter Characterization
- Post-Mortem Analysis
- Chemical Compatibility

Connectivity

- Luer
- Quick Connect
- Sanitary Clamp
- Hose Barb

Note: When needed, additional connection types, including custom and customer-supplied designs may be used.

To find out more about how Saint-Gobain can meet your custom filtration needs, call (301) 407-2720 or email info.FT@saint-gobain.com.



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IMPORTANT: "Saint-Gobain's medical products are distributed exclusively to medical device manufacturers for use in the manufacture, assembly or distribution of their medical devices. Saint-Gobain cannot authorize the sale of its medical products directly to device user facilities (e.g. hospitals, surgery centers, nursing home, clinics, etc.), nor directly to end users (e.g. patients, patients' caregiver, prescribing physician, nurse, pharmacist, etc.), including distributors serving device user facilities and end users directly. In accordance with every jurisdiction globally, Saint-Gobain's customers are responsible for determining that any medical device they manufacture and market that incorporates a Saint-Gobain's medical product, is compliant with each country-specific medical device regulations and has received proper country-specific clearance, certification or registration authorizing the sale of this medical device. Saint-Gobain's medical products offer covers:

- Medical Components [21 CFR 820.3(c)], intended for processing or use in the manufacture or assembly of medical devices before the finished medical device is packaged/labeled; Medical Components are intended to be included as part of the finished, packaged, and labeled device [21CFR820.3(c)].
- Finished Devices [21CFR820.3(l)] made on behalf of medical device manufacturers [21 CFR 807.20(a)(2)] under contract-manufacturing agreement. In accordance with the United States' jurisdiction, Saint-Gobain complies with the FDA's requirements for contract manufacturers of finished devices."

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

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