



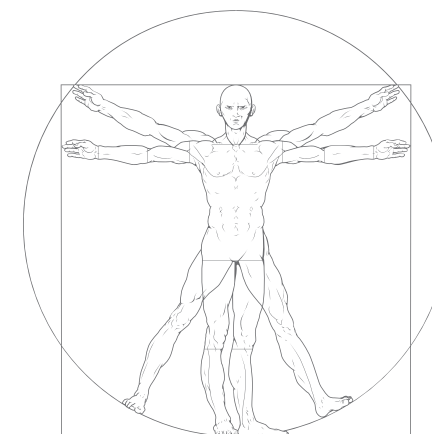
FOCUSED
INNOVATIONS
IN LIFE
SCIENCES



Innovations in Life Sciences

Leveraging our expertise and understanding of fluoropolymers, particularly polytetrafluoroethylene (PTFE), Gore first entered the Life Sciences industry in the mid-1970s with a life-saving blood vessel replacement engineered to work in harmony with the body's own tissues. The expanded polymer material's chemical

inertness made it ideal for replacing human blood vessels because the body would adsorb, not reject the material. Since that time, we have introduced a wide variety of grafts, devices and meshes used by healthcare professionals to improve the lives of patients worldwide.



A Natural Evolution—Expanding on Our Experience

Utilizing our expertise with fluoropolymers and knowledge designing healthcare solutions, Gore began to develop materials-based solutions for the pharmaceutical industry and OEM medical device manufacturers.



Purity and Security

Dedicated to Serving the Growing Life Sciences Market

Gore introduced what would be the first in the line of exciting innovations for pharmaceutical and biopharmaceutical customers—the GORE® LYOGUARD® Freeze-Drying Tray, in which the breathability of ePTFE allowed for a high vapor

transmission rate while containing product. Since that time we've developed many single- and multi-use products and process components—all with the express focus on improving lives.

We collaborate with pharmaceutical companies to design materials-based solutions that fit their requirements for product purity, process effectiveness and drug delivery innovation.



Our Fundamental Belief

Based on clear understanding and definition of our customer's desired product performance, Gore designs, and then thoroughly tests and assesses product performance to ensure form, fit and function. This commitment to deliver products fit for the intended use is the sacred promise we make to our customers.



The Common Thread

Over time, we've added more solutions to our portfolio. As with all Gore products, our life sciences solutions perform as they are intended and provide high value over time.



Improve Processing



Minimize Risk



Optimize Performance



Protect and Contain

We consistently deliver technology-driven products and process components to increase efficiency, while minimizing risk.

Advanced Materials for Advanced Performance

ePTFE is inherently breathable, bio-inert, porous, and non-particulating. Combined with other high performance materials and technologies, it can take on smaller, lighter, or stronger forms—the properties needed to provide peak functionality.

Our expertise in modifying ePTFE for a myriad of applications keeps us ahead of the demands and needs for our pharmaceutical customers.



PERISTALTIC PUMP TUBING
GORE® STA-PURE® Pump Tubing



AIR FILTRATION
GORE® Fermentation Air Filter



FILTRATION MEDIA
GORE® Microfiltration Media



LYOPHILIZATION
GORE® LYOGUARD® Freeze-Drying Trays



STERILE GAS FILTRATION
GORE® Sterilizing-Grade Vent Filter

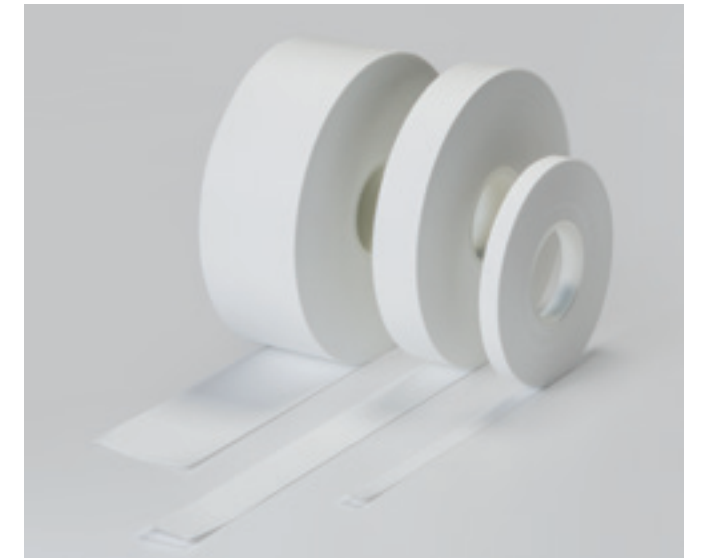
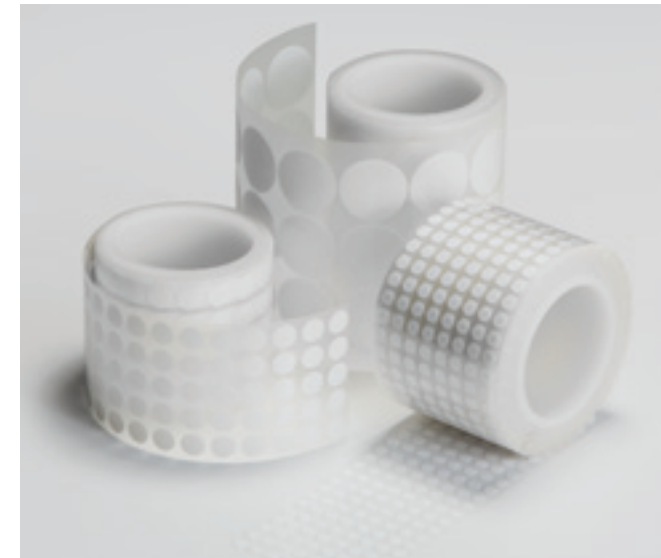


Expanding Solutions

In addition to providing solutions for pharmaceutical and biopharmaceutical manufacturers, we bring our expertise in high performance ePTFE membranes to solve the unique challenges faced by medical device innovators. For years,

OEM medical device manufacturers have trusted Gore with solutions to their venting and filtration challenges to meet critical needs for deaeration, pressure equalization, contamination barrier and particle capture.

As the medical device industry looks for ways to protect critical components on equipment or to design smaller, more efficient devices, Gore's high performance materials will be counted on for their quality and reliability every time.



GORE® Microfiltration Media for Medical Devices



Plan for Quality

Quality Manufacturing

Quality in manufacturing is more than just having dedicated, state-of-art facilities. It also means having excellent product and process understanding, detailed controls and committed associates. Gore takes great pride in our manufacturing practices, people and our purposeful approach to delivering quality products that perform exactly as they are intended.

“Quality is an uncompromising requirement of value.

Our reputation has been made by our quality.”

Bill Gore, Founder



Quality System

We maintain adherence to our strict quality system to ensure we meet rigorous standards for life sciences products. Depending upon the requirements of our customers, you will find products manufactured under current Good Manufacturing Processes (cGMP), ISO 13485 and ISO 15378 certifications, and/or regulations for food contact.



Sound Science

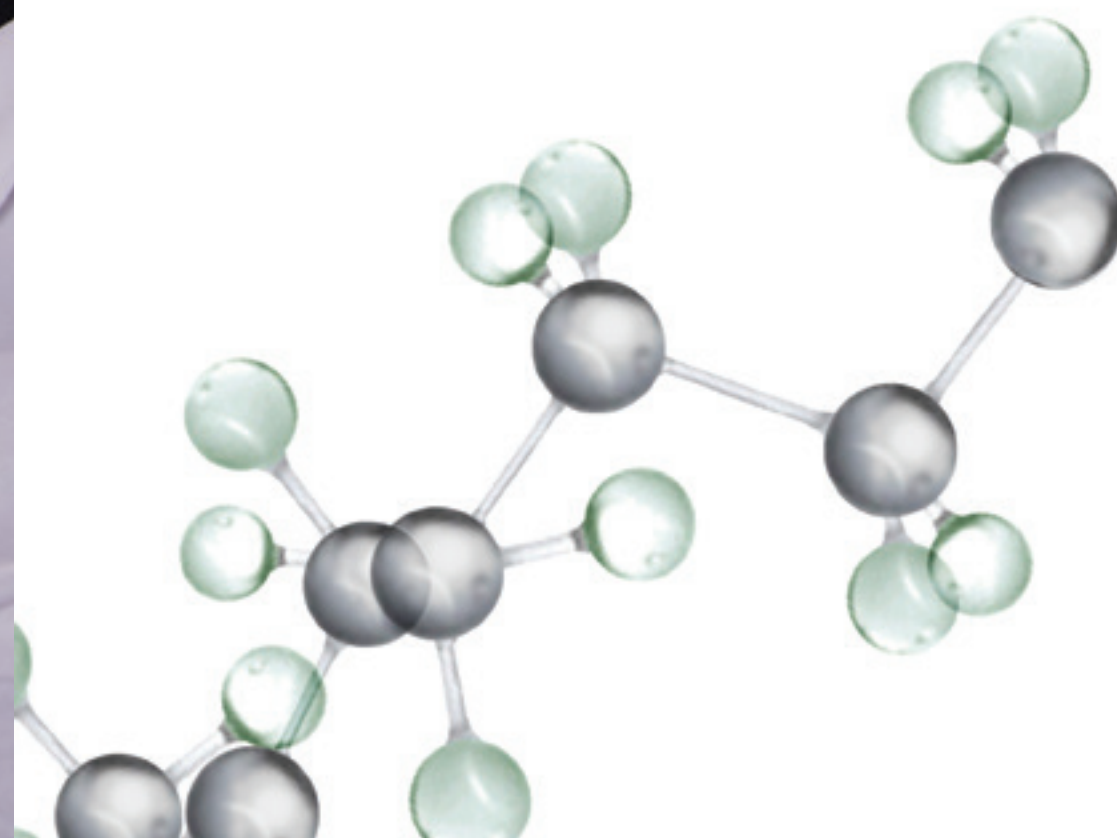


Gore's ability to deliver reliable, high performing products doesn't simply happen. It starts with a clear understanding of our customer's problems and application requirements; only then do we begin to look at materials-based solutions.

Our team of materials scientists, chemical engineers, mechanical engineers, analytical chemists, physicists and others collaborate to develop engineered solutions. The results are high-value products thoroughly tested and evaluated to meet your standards.



Question, research, test, analyze, review and evaluate—these are key steps we take to minimize risk for our customers. Having confidence in your supplier is critical. Having a partner who understands risk and your need to minimize it is paramount.

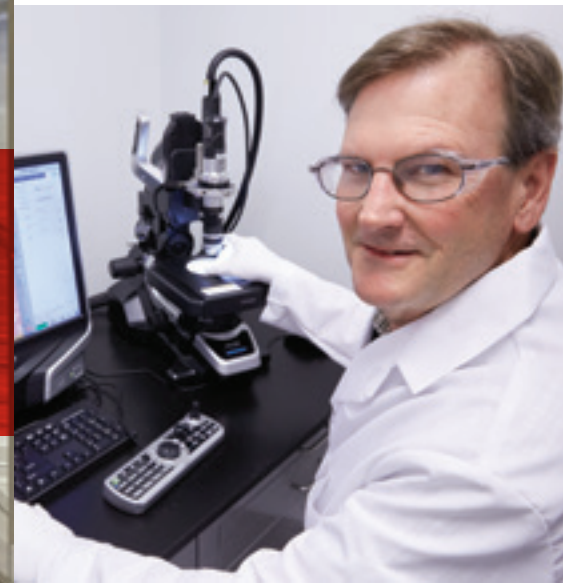




Our Experienced Innovators, Engineers and Solution-Builders

We are focused on understanding a customer's application and then applying our materials technology and engineering know-how to deliver products with step-change performance.

Our customers benefit from our unique culture that embraces innovation, encourages creativity and allows every associate to truly impact the success of the company.



Gore was named to the *Fortune* 100 Best Companies to Work For® list, earning the number 12 spot in 2016. Gore is one of only a few companies to appear on all of the U.S. lists since the ranking was initiated in 1984, including 19 FORTUNE® magazine lists (1998-2016) and three *100 Best Companies to Work For in America* books (1984, 1985 and 1993).



Gore PharmBIO Products

Our technologies, capabilities and competencies in fluoropolymer science are focused on satisfying the evolving product, regulatory and quality needs of pharmaceutical and bioprocessing customers, and medical device manufacturers.

The products in the Gore PharmBIO portfolio are tested and manufactured under our stringent quality system. These high-performance products provide creative solutions to our customers' design, manufacturing and performance-in-use needs.

North America

402 Vieve's Way
Elkton, MD 21921, USA
+1 410 392 4100
1 800 294 4673

Europe

Wernher-von-Braun-Strasse 18
85640 Putzbrunn, Germany
+49 89 4612 3456
0 800 4612 3456



gore.com/pharmbio