



DEVELOP MOLECULAR DIAGNOSTIC (MDx) PANELS WITH CONSISTENT AND PRECISE FLUID MOVEMENT

GORE® Microfiltration Media for In-Vitro Diagnostics, supports test reliability by evacuating air bubbles from the microfluidic system - minimizing the risk of invalid results. Gore vents are engineered to work with aggressive reagents and solvents.

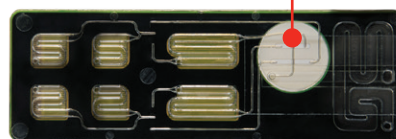
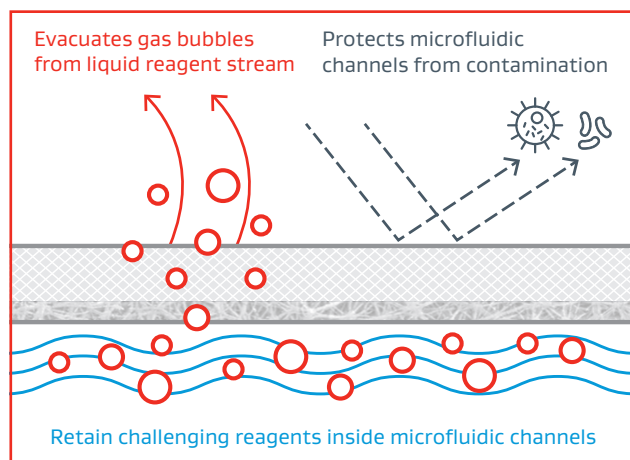
Key Features and Benefits

- Engineered materials enable optimization ratio of airflow (pressure equalization) to liquid barrier properties.
- Scalable from bench scale prototypes to high volume production
- Oleophobic treatment helps enable performance with low surface tension fluids
- Proprietary microstructure enables fluid containment
- Consistent microstructure throughout rolls results in dependable performance and contributes to integration efficiency

Scope of Use

GORE® Microfiltration Media for Medical Devices Series 302 and 402 are key component materials for hydrophobic and oleophobic, antibacterial, antiviral aerosol filters for degassing of molecular diagnostics cartridges and other In-Vitro Diagnostics consumables.

Vent Functionality



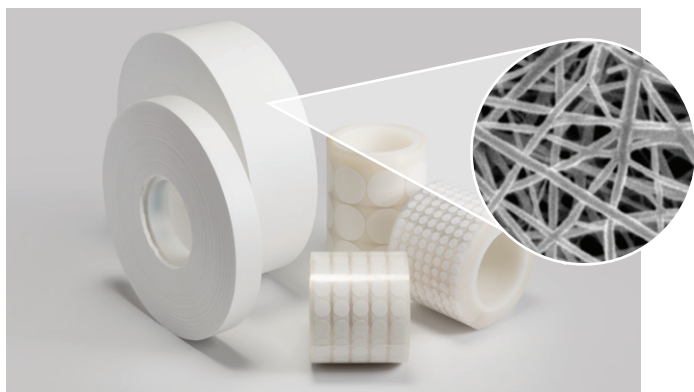
Microfluidic chip component within a Diagnostic panel vented with Gore Microfiltration Media.

GORE Microfiltration Media Performance¹

Product	Airflow ² (l/h)	WEP ³ (bar)	Thickness ⁴ (mm)	BFE/VFE ⁵ (LRV)
Series 302	24.2	3.0	0.20	≥7
Series 402	47.5	1.7	0.24	≥7

1. Typical values measured over approximate two-year period.
2. Measured at 2.99 cm² and 1.2 kPa differential pressure with ATEQ measurement system.
3. Pressure point for instantaneous D.I. water intrusion.
4. Mechanical measurement equipment.
5. Contact Gore for test method details.

Unique Membrane Structure



This proprietary expanded polytetrafluoroethylene (ePTFE) membrane delivers high bacterial and viral aerosol filtration efficiency, while achieving airflow rates you would expect from a far larger membrane area.

Ordering Information

Please contact Gore for ordering samples of GORE Microfiltration Media and for more information.

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 Products' portfolio, are tested and manufactured under stringent quality systems. These high-performance products provide creative solutions to our customers' design, manufacturing, and performance-in-use needs.

All technical information and advice given here is based on our previous experiences and/or test results. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check the suitability and usability of our products in the specific applications, since the performance of the product can only be judged when all necessary operating data is available. Gore's terms and conditions of sales apply to the purchase and sale of the product.

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