GORE® Microfiltration Media
for Medical Devices

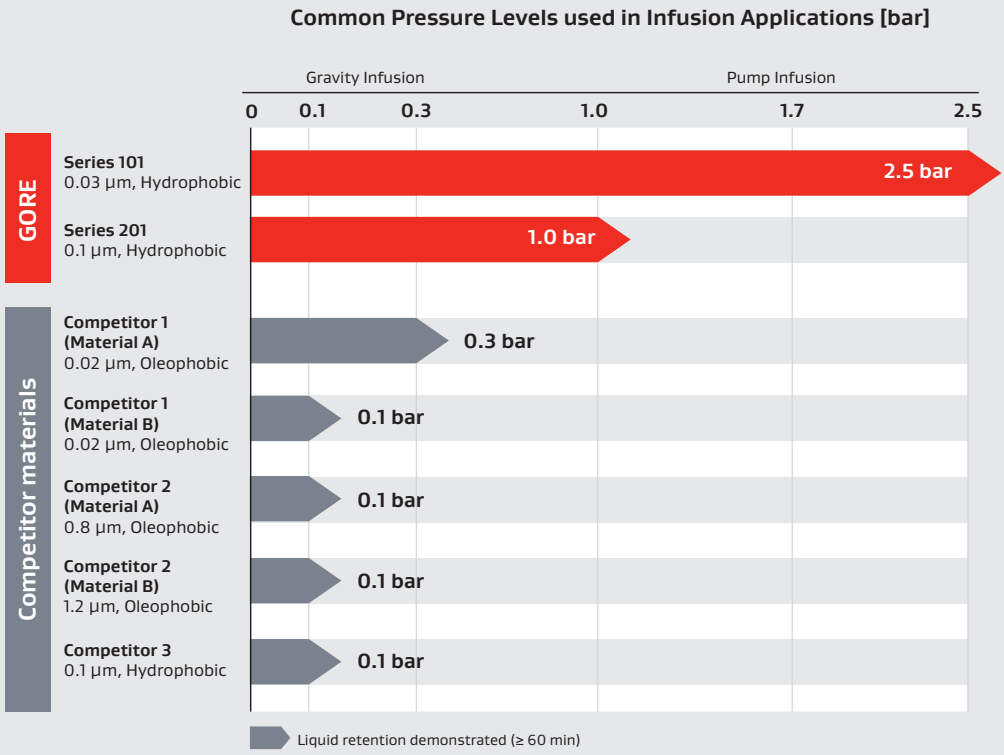


HIGHER PRESSURES. HIGHER DEMANDS.

Compare material performance when durability is put to the test.

Liquid Retention Performance After Gamma Sterilization

35 mN/m challenge liquid | ≥60 min | Post 50 kGy



GORE Series 101

- Liquid retention up to 2.5 bar after 50 kGy
- High liquid retention performance

GORE Series 201

- Liquid retention up to 1.0 bar after 50 kGy
- High airflow performance

Reliable venting for gravity and pump infusion systems.

Different infusion challenges require different performance windows. Series 101 and Series 201 provide distinct solutions, balancing airflow and liquid retention for your application needs.

What performance window does your infusion vent require after sterilization?

Test conditions: 35 mN/m challenge liquid, ≥60 min, post 50 kGy setpoint gamma sterilization. Results based on material-level testing. Limited sample set. Material selection and device-level performance may require application-specific verification.

Together, improving life

GORE

RELIABLE PERFORMANCE FOR IV APPLICATIONS

GORE® Microfiltration Media enables efficient removal of gas bubbles while reliably retaining liquids and maintaining sterility, with **Series 101 and 201* providing performance options for maximum retention** or **high airflow.**

Series 101

High-retention benchmark

0.03 µm reference pore size · hydrophobic ePTFE

19.9 bar WEP (289 psi)	**2.4 l/h** Airflow
≥2.5 bar Retention after 50 kGy**	**≥7** BFE/VFE (LRV)

Thickness 0.23 mm (9.1 mil) • Sterilizing Grade†

Series 201*

Higher airflow performance

0.1 µm reference pore size · hydrophobic ePTFE

7.2 bar WEP (104 psi)	**10.7 l/h** Airflow
≥1.0 bar Retention after 50 kGy**	**≥7** BFE/VFE (LRV)

Thickness 0.24 mm (9.4 mil) • Sterilizing Grade†

* Series 201 is not yet commercially available for infusion and is currently for sampling only.

** Irradiation sterilization, whether gamma or electron beam or x-ray, is known to degrade PTFE mechanical properties (including but not limited to loss of tensile strength, physical and chemical changes, etc.). The extent of degradation depends mainly on the irradiation dose to which the ePTFE (expanded PTFE) membrane is exposed. The ultimate performance of the ePTFE laminate is dependent upon device design, integration/welding into the device or housing, sterilization conditions, and application needs. It is the responsibility of the medical device manufacturer to validate the device performance after the ePTFE laminate has been integrated into the device and after exposure to the desired sterilization process.

† "Sterilizing Grade" per PDA TR 40, tested per ASTM F838.

Gore PharmBIO Products

Our technologies, capabilities, and competencies in materials 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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