



Disk and Syringe Filters

Disk Filters

PRODUCT FEATURES / BENEFITS

- ◆ Higher Volume than Standard Syringe Filters
- ◆ Exceptional Chemical Inertness
- ◆ Both Hydrophobic and Hydrophilic Membranes
- ◆ Pre-Use Pore Structure
- ◆ Point of Use Water Block
- ◆ Inlet / Outlet Vent Filter
- ◆ Liquid or Gaseous Sampling Applications

Disk Filters are an industry-standard, point-of-use solution for laboratory sampling and environmental applications. Designed for fine particle removal in demanding analytical workflows, each filter incorporates an advanced polytetrafluoroethylene (PTFE) membrane engineered for exceptional chemical resistance and precise filtration performance.



The naturally hydrophobic membrane delivers reliable operation with aggressive organic solvents, acids, and other chemical media that can compromise conventional filter materials. A lightweight polypropylene housing ensures the right balance of durability, chemical compatibility, and filtration capacity, making these filters well-suited for processing moderate sample volumes in high-performance laboratory environments.

Offering an economical and effective way to protect sensitive equipment, disk filters provide dependable results in critical applications.

| Housing Model | GMBAF090203N | GMBAF090603N | GMBAF090303N |
|----------------------------------|----------------------------|----------------------------|-----------------------------|
| Materials of Construction | PTFE | PTFE | PTFE |
| Membrane Material | PTFE | PTFE | PTFE |
| Maximum Pressure (PSIG) | 43 | 43 | 43 |
| Maximum Temperature (°F) | 140 | 140 | 140 |
| Micron Size | 0.22 | 1 | .45 |
| Diameter | 50mm | 50mm | 50mm |
| Connection | Stepped Barb 5/16" to 1/2" | Stepped Barb 5/16" to 1/2" | Stepped Barb 5/16" to 0.45" |
| Non-Sterile (Yes or No) | Yes | Yes | Yes |
| Hydrophobic (Yes or No) | No | Yes | No |
| Filtration Area (CM2) | 19.6 | 19.6 | 19.6 |
| Bubble Point (Mpa) | >0.1 | >0.15 | >0.02 |
| Flow Rate (ml/min/cm2@-0.093Mpa) | 14.042 | 23.191 | 18.007 |

Syringe Filters

PRODUCT FEATURES / BENEFITS

- ◆ Both Hydrophobic and Hydrophilic Membranes
- ◆ Variety of Materials and Sizes Available
- ◆ Low Cost, Completely Disposable
- ◆ Interchangeable, Industry Standard Sizes
- ◆ Low Volume Particulate Sampling
- ◆ High Performance Liquid Chromatography (HPLC) Sampling
- ◆ Preparation of Aqueous and Organic Samples

Syringe filters are widely used in HPLC chromatography and other laboratory sampling applications. The UFS GME Series syringe filters are an industry-standard solution, delivering reliable and consistent microfiltration performance. Robust polypropylene housing withstands demanding filtration protocols while maintaining dimensional stability across temperature ranges up to 176°F (80°C).



A wide range of options is available, and our team can assist if a specific requirement is not listed below.

| Housing Model | GMAAF040202N | GMAAF010602N | GMAAF040602N | GMAAF040601N |
|----------------------------------|----------------------|----------------------|----------------------|-----------------|
| Materials of Construction | PTFE | Polypropylene | Polypropylene | Polypropylene |
| Membrane Material | PTFE | PTFE | PTFE | PTFE |
| Maximum Pressure (PSIG) | 75 | 75 | 75 | 75 |
| Maximum Temperature (°F) | 230 | 230 | 230 | 230 |
| Micron Size | 0.22 | 1 | 1 | 1 |
| Diameter | 25mm | 13mm | 25mm | 25mm |
| Connection | Luer Lok / Luer Slip | Luer Lok / Luer Slip | Luer Lok / Luer Slip | Double Luer Lok |
| Non-Sterile (Yes or No) | Yes | Yes | Yes | Yes |
| Hydrophobic (Yes or No) | Yes | Yes | Yes | No |
| Filtration Area (CM2) | 4.08 | 2.12 | 4.08 | 4.08 |
| Bubble Point (Mpa) | 0.1 | >0.15 | >0.02 | >0.02 |
| Flow Rate (ml/min/cm2@-0.093Mpa) | N/A | N/A | N/A | N/A |