

Glass fiber filters

We provide Whatman binder free glass microfiber filters manufactured from 100% borosilicate glass for use in many applications such as general clarification, dissolution testing or prefiltration.

Features and benefits:

- ▶ Depth filters
- ▶ Fast flow rates
- ▶ High loading capacity
- ▶ Retention of very fine particles, extending into the sub-micron range



Fig 16: Whatman binder free glass fiber filters.

Typical properties of glass fiber filters

| Product | Filtration speed | Particle retention in liquid (µm) | Typical thickness (µm) | Basic weight (g/m ²) |
|---------------------------|------------------|-----------------------------------|------------------------|----------------------------------|
| Grade GF/A | Fast | 1.6* | 260 | 53 |
| Grade GF/B | Medium to fast | 1.0* | 675 | 143 |
| Grade GF/C™ | Medium to fast | 1.2* | 260 | 53 |
| Grade GF/D | Fast | 2.7* | 675 | 121 |
| Grade GF/F | Medium | 0.7* | 420 | 75 |
| GMF 150 1 µm - Multilayer | Medium to fast | 1.2* | 730 | 139 |

*Particle retention rating at 98% efficiency

Ordering information - Glass fiber filters - 100/pack

| Diameters ** | Code no. | Code no. | Code no. | Code no. | Code no. | Code no. |
|--------------|------------|------------|------------|------------|------------|--------------------|
| Glass fiber | Grade GF/A | Grade GF/B | Grade GF/C | Grade GF/D | Grade GF/F | Grade GMF 150 1 µm |
| 25 mm | 1820-025 | 1821-025 | 1822-025 | 1823-025 | 1825-025 | |
| 42.5 mm | 1820-042 | 1821-042 | 1822-042 | 1823-042 | 1825-042 | |
| 47 mm | 1820-047 | 1821-047 | 1822-047 | 1823-047 | 1825-047 | 1841-047 |
| 55 mm | 1820-055 | 1821-055 | 1822-055 | 1823-055 | 1825-055 | |
| 70 mm | 1820-070 | 1821-070 | 1822-070 | 1823-070 | 1825-070 | |
| 90 mm | 1820-090 | 1821-090 | 1822-090 | 1823-090 | 1825-090 | 1841-090 |

**Other grades and dimensions are also available—please contact your GE Healthcare representative for more information

Autovial™ Syringeless filters

Autovial syringeless filters are preassembled filtration devices for removing particulates from samples. They replace syringes & syringe filters with a single, disposable device simplifying your filtration step.

Ordering information - Autovial syringeless filters - 5ml capacity

| Pore size | Code no. | Code no. | Code no. | Code no. | Quantity |
|---------------|-------------|-------------|-------------|-----------|----------|
| Membrane type | PTFE | PVDF | Nylon | GMF | |
| 0.2 µm | AV115NPEORG | | | | 50/pack |
| 0.45 µm | AV115NPUORG | AV115NPUAQU | AV115NPUNYL | AV115UGMF | 50/pack |



Fig 17: Autovial 5 syringeless filter.