


DOMINIQUE DUTSCHER SAS

**Whatman™ Grade 934-AH Glass Microfiber Filters, Binder Free**

Smooth borosilicate glass microfiber filters with high retention and flow rates, ideal for large-volume liquid filtration.

**Overview**

Whatman Grade 934-AH borosilicate glass microfiber filters feature a smooth surface with high retention efficiency and high flow rates for large-volume liquid filtration.

# High loading capacity enables efficient filtration of suspended solids

- **Smooth surface:** provides efficient precipitate recovery
- **High loading capacity:** enables processing of turbid solutions
- **High-grade borosilicate glass microfiber:** withstands temperatures up to 550°C
- **Nominal particle retention of 1.5 µm**
- **Low fiber shedding**

Ready-to-use (RTU) formats available for Total Suspended Solid (TSS), Total Dissolved Solids (TDS) and Total Suspended Volatiles (VSS).

Whatman Grade 934-AH filters are well suited for large-volume filtration. Applications include cell harvesting, liquid scintillation counting, air pollution monitoring, and water pollution monitoring.

Whatman Grade 934-AH binder-free glass microfiber filters are available in a wide range of sizes in circles and sheets.

Discover other binder-free Whatman glass microfiber filters. Options are available with different wet strengths, loading capacities, filtration speeds, and particle retentions.

Looking for a filter paper, membrane filter, or syringe filter? Let Cytiva help you find the optimal filter for your needs to ensure reliable analysis.

**Product specifications**

**Whatman™ Grade 934-AH glass microfiber filteactivated carbon air filter for TSS analysis, 47 mm circle (100/Pk)**

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| Catalog code | 1827-047 |
| Air flow rate | 3.7 s/100 mL/in² |
| Diameter | 47 mm |
| Filter media | Borosilicate glass microfibre without binder |
| Max. operating temperature | 550 °C |
| Typical water flow rate | 341 ml/min at 45 psi (3.1 bar) |
| Grade | Grade 934-AH |
| Pack size | 100/Pk |
| Application | Used for determining total suspended solids in water, removal of turbidity and filtration of bacterial cultures ; Used for a wide range of laboratory applications. ; It is recommended for water pollution monitoring, cell harvesting, liquid scintillation counting and air pollution monitoring. |
| Binder type | Binder Free |
| Format | Circles |
| Nominal basis weight | 64 g/m² |
| Nominal thickness | 435 µm |
| Typical particle retention in liquid | 1.5 µm |

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