PRODUCT DATASHEET

Glass Microfibre Filters

Binder-free borosilicate, about 0.7 to 2.7 µm





DETAIL – CIRCLES, TWEEZERS AND BOX

OVERVIEW

The Tech Inc. Glass Microfibre Filters are binder-free borosilicate glass fibre circles with fine retention, fast flow and high loading capacity. They withstand about 500 °C, so they suit total suspended solids, residue ignition and air monitoring.

MODELS AND CONFIGURATIONS

- **About 0.7 µm** – fine particles, chlorophyll and TSS.
- **About 1.2 to 1.6 µm** – TSS and general water analysis.
- **About 2.7 µm** – prefiltration and high-load liquids.
- **Pre-washed and pre-weighed** – ready for TSS.

TYPICAL DESIGN DATA

Model series	TI-GF (grade and diameter)
Material	Binder-free borosilicate glass microfibre
Retention	About 0.7 to 2.7 µm, by grade
Maximum temperature	About 500 °C
Diameters	21, 25, 37, 47, 55, 70, 90, 110 and 150 mm
Pack	100 circles

APPLICATIONS

Total suspended solids (TSS) and volatile solids, chlorophyll and algae, air particulate monitoring, prefiltration of membranes and protein precipitates.

KEY ADVANTAGES

- **Fast and high loading** – more sample per filter
- **Heat stable** – ignition at about 500 °C
- **Binder-free** – no organic binder to burn off

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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