

## Specification Sheet

### MICROGLASS FIBER FILTER PAPER



SS Filters offers a full range of glass microfiber filters manufactured from 100% pure borosilicate glass. Because of their intrinsic properties, glass microfiber filters have wide applications in many areas of laboratory analysis, especially when fine filtration and high loading capacity is required. Applications for glass microfiber filters include environmental analysis for water, wastewater, testing of soils, air pollution and monitoring, research and process biochemistry, and gravimetric analysis involving ignition of samples. Microglass fiber filters are also used in the filtration of hot gases and liquids, and in pre-filtration.

#### **FEATURES & BENEFITS:**

- Laboratory analysis 100% pure borosilicate glass
- Rapid flow rate
- Fine particle retention, 1-2 microns
- High loading capacity
- Chemical and thermal resistance (up to 500° C)
- Long shelf life
- Brilliant white color reflecting more than 96% of visible light
- Custom cut

Standard glass microfiber filters contain no binders or other additives that may cause interference to sensitive enzymatic or other chemical reactions. The unique characteristics of glass microfiber filters make its use particularly advantageous to laboratory filtration by enabling fast filtration of large volumes and difficult solutions without premature clogging.

## **SPECIFICATIONS OF MICROGLASS FIBER FILTER PAPER**

Grade	Composition	Pore Size (microns)	Flow (ml/min/cm <sup>2</sup> )	Thickness (microns)
GF1	Micro glass fiber	1.5	1250	450
GF2	Micro glass fiber	2.0	1400	500
GF3	Micro glass fiber	3.0	1600	500