

# Nupore Micro Glass Fiber Filter - Type GF 1

Nupore Micro Glass Fiber filter Type GF 1 is manufactured from 100% pure borosilicate glass and are widely used for routine monitoring of air pollution and for specialized monitoring of solid pollutants, micro organisms, oil and smoke air.

## Features and Benefits

- Particularly recommended for high efficiency collection of fine particles
- High flow rates
- High dirt holding capacity
- Wide stability with vary relative humidity

## Applications

Recommended for gravimetric determination of air borne particulate, stack sampling and absorption method of air pollution monitoring.



## Specifications

Product	Basic Weight (gms/m <sup>2</sup> )	Thickness (mm)	Particle Retention Size (Liquid) Micron	Pressure Drop @ 32 LPM/100cm <sup>2</sup>
GF 1	53	0.30	1.6	40

**DOP retention @ 32 LPM/100 cm<sup>2</sup> :** 99.97 % (0.3 Micron particles)  
- (As Per ASTM2986)

**Tensile Strength, KGF :** 0.50 (Minimum for 20 mm wide strip)

**Loading Capacity :** High

**Temperature withstand :** 500°C

**Integrity :** 2.4 mg Maximum weight loss

## Ordering Information

Type	Size (mm)	Pack Size
GF 1	47 mm circles	100
	90 mm circles	100
	110 mm circles	100
	125 mm circles	100
	203 mm x 254 mm sheets (8"x10")	100
	460 mm x 570 mm sheets	100

- Other size are available on request.

**To order please specify :**

Type

Size

Qty.

**For Example :-**

GF1, 203mm x 254mm sheets, 500 Nos.

These filter's are tested and approved by NEERI & CPCB