Whatman glass microfiber filters, without binder, grade GF-C

GF/C: 1.2 um



Filters made of 100% borosilicate glass microfibre, chemically inert.

These filters combine filtration speed and high load capacity with a retention of very fine particles (even sub micron).

They can be used at temperatures up to 500 ° C and are ideal for air filtration and gravimetric analyzes of volatile materials that involve the incineration of residues.

They have a very fine capillary structure capable of absorbing much higher amounts of water than equivalent cellulose filters and therefore are ideal for spot tests and liquid scintillation counting methods. They can also be made completely transparent for subsequent microscopic examinations.

Grade GF / C: 1.2 µm

It combines fine particle retention with good filtration speed.

The standard filter for the collection of suspended solids in drinking water and biodegradable and industrial waste.

Fast and efficient clarification of aqueous liquids containing low or medium quantities of fine particles.

Widely used for cell harvesting, liquid scintillation counting, and binding analyzes where higher carrying capacity is required.

This filter is also available in the Whatman FilterCup: a practical disposable polypropylene filter funnel, 70 mm in diameter and with a capacity of 250 ml, equipped with an integrated thermo-bonded filter.

It is also available in the Whatman disposable filter funnel (47mm diameter and 250ml capacity). The 47mm GF / A filter can be easily extracted for further analysis or culture.

Technical features

Nominal retention of particles in liquids (at 98% efficiency)	1.2 µm
Nominal thickness	260 µm
Typical water flow	105 ml / min
Nominal base weight	53 g / m²
Nominal air flow	6.7 s / 100 ml / in (for 9 cm diameter)
Material	Borosilicate glass

Code	Description	Pieces per pack.
481822021	Whatman glass microfiber filters, without binder, grade GF-C diam. 21 mm	100
481822024	Whatman glass microfiber filters, without binder, grade GF-C diam. 24 mm	100
481822025	Whatman glass microfiber filters, without binder, grade GF-C diam. 25 mm	100
481822037	Whatman glass microfiber filters, without binder, grade GF-C diam. 37 mm	100
481822042	Whatman glass microfiber filters, without binder, grade GF-C diam. 42.5 mm	100
481822047	Whatman glass microfiber filters, without binder, grade GF-C diam. mm 47	100
481822055	Whatman glass microfiber filters, without binder, grade GF-C diam. 55 mm	100
481822070	Whatman glass microfiber filters, without binder, grade GF-C diam. 70 mm	100
481822090	Whatman glass microfiber filters, without binder, grade GF-C diam. 90 mm	100
481822110	Whatman glass microfiber filters, without binder, grade GF-C diam. 110 mm	100
481822125	Whatman glass microfiber filters, without binder, grade GF-C diam. 125 mm	100
481822150	Whatman glass microfiber filters, without binder, grade GF-C diam. 150 mm	100
481822866	Whatman glass microfiber filters, without binder, grade GF-C 8 "x 10"	100
481822915	Whatman glass microfiber filters, without binder, grade GF-C 460 x 570 mm	25