

# VF Series FG2 Fiber Glass

High Efficiency Filtration and higher temperature capacity

## SERIE VFFG2 High Temperature Capacity

Venefilter Inc., design this high efficiency disposable filter with 90% nominal filtration and greater ability to work at higher temperature, is suited for a wide range applications. The filter is constructed of pleated Borosilicate Microfiberglass filter media with greater surface area for high system flow rate.

### Features

- Micron rating from 0,2 to 30 order to broad applications range.
- Higher temperature Capability, 230 °F (110 °C).
- Uniform pore size, high removal efficiency of particulate .
- High Surface Area, High Flow Capability and dirt holding capacity.
- Long Service life minimizes maintenances cost
- Fixed pore estructure, Eliminates dirt unloading at maximum differential pressure

### Operating Conditions

Pressure Drop	75 Psid a 70 °F (5,2 bar a 21 °C)
	60 Psid a 200 °F (4,1 bar a 93 °C)
	50 Psid a 230 °F (3,4 bar a 110 °C)
Maximun Operating Temperature	230 °F (110 °C)
Recommended Change-out	35 Psid (2,4 bar)

### Design specifications

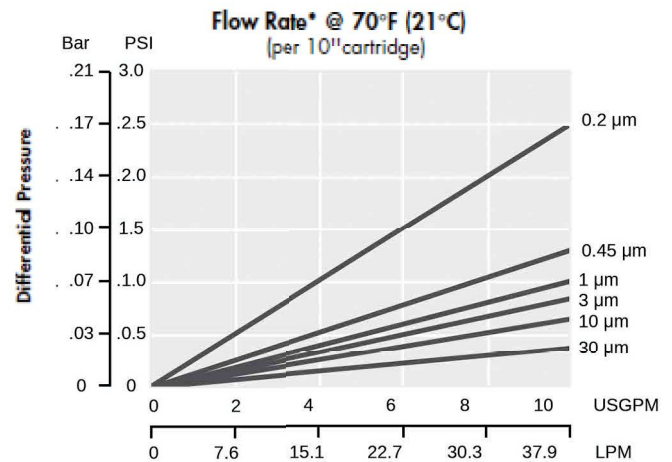
Media	Borosilicate Microfiberglass with Acrylic Binder
Inner core, end caps, cage	Polyester
Support layers	Polyester
Outside diameter	2,7" (6,9 cm)
Inside diameter	1,0" (2,54 cm)



### Applications

- Petrochemical Industry
- Chemical Industry
- Disolvents
- Inks
- Boiler Water
- Oil and Gas.
- Lube Oil.

### Pressure drop



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## Removal Efficiency

Beta Ratio Efficiency	Beta 10 90%	Beta 20 95%	Beta 100 99%	Beta 1000 99,9%	Beta 5000 99,98%
0,2 microns	0,2	0,3	0,6	0,8	1,0
0,45 microns	0,45	0,6	0,8	1,8	2,0
1,0 microns	1,0	1,3	2,0	3,5	4,0
3,0 microns	3,0	4,0	5,5	9,0	10,0
10,0 microns	10,0	12,0	15,0	17,0	18,0
30,0 microns	30,0	35,0	38,0	42,0	45,0

## Part Number

VFFG2	3	10	S4	B
Series	Microns	Nominal Length	End Configuration	Gasket
VFFG2	0.2	5: 5"	DOE: Double Open End	B: Buna-N
	0.45	9.75: 9 <sup>3/4</sup> "	S3:222w/Fin end	E: EPDM
	1	10: 10"	S4:222w/Flat end	V: Viton
	3	20: 20"	S5:226w/Fin end	S: Silicone
	10	30: 30"	S6:226w/Flat end	T: Teflon
	30	40: 40"		

CAT-VF-FG2-12