

CFP Series

Glass Fiber media

CFP Series - Glass Fiber Media

General Applications Glass Fiber Pleated Filter Cartridges

The CFP series General Applications Glass Fiber (GF) Pleated Filter cartridges are highly efficient, good for the pre-filtration of gas and vent, and can be effectively used in a variety of industrial applications. The cartridge offers a large surface area for high flow rates and high dirt holding capacity, also reduces labor costs with less changing of the filters.



Features

- Low pressure drops and high flow rates
- High filtration efficiency, up to 96%
- Excellent chemical compatibility
- High dirt holding capacity and long service life

Applications

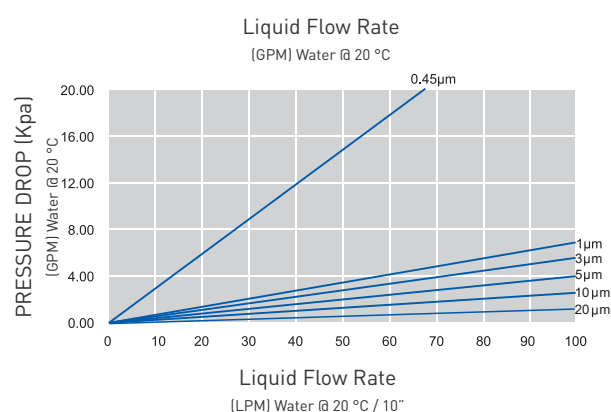
- Food & Beverage
- Chemicals & Oil
- Pharmaceutical
- Process Water Treatment
- Pre-filtration of vent & gas

Dimension

| | |
|----------|------------------------|
| Diameter | 69 mm |
| Length | 5", 10", 20", 30", 40" |

Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR
- Materials used to produce filter media and hardware meet the specifications for biological safety per USP Class VI-121 °C for plastics
- Filter cartridges passed European Commission Directives (EU10/2011)
- Halal Certified



Material of Constructions

- Media GF
- Support PP
- Core/Cage/End Cap PP
- Seal Material Silicone, EPDM, NBR, FKM, E-FKM

Performance

Operating Conditions

- Max. Operating Temperature 80 °C
- Max. Operating DP 4.0 Bar @ 20 °C
- 2.4 Bar @ 80 °C

Quality

- Filter Cartridges are manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System

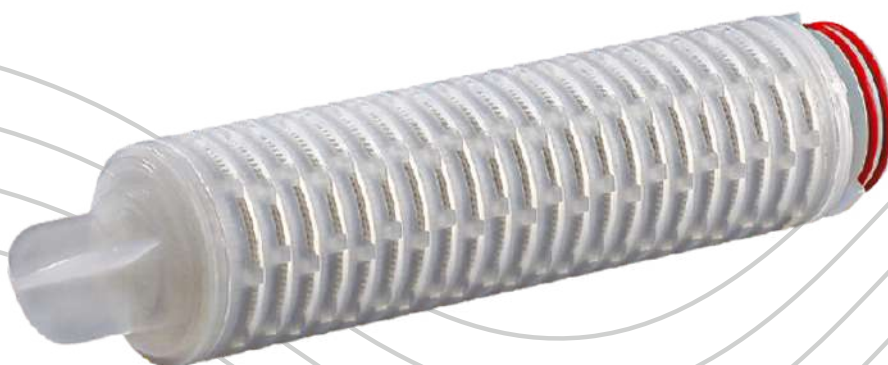
Eg.=> CFPGF0045G050AD0PSS0

| ORDERING INFORMATION | | | | | | | | | | |
|--------------------------------|------------------|--------------------|-----------------|----------|---------------|--------------------|--------------|------------------|--|-----------|
| Product Type | Membrane Type | Membrane pore size | Application | Size | Diameter | Endcap | Inner Core | Sealing Material | Connection Support | Revision |
| CFP = Pleated Cartridge Filter | GF = Glass Fiber | 0045 = 0.45µm | G = Gen Purpose | 05 = 5" | 0A = OD:69 mm | D0 = DOE | P = Polypro | S = Silicone | S = Standard | 0 = Rev.0 |
| | | 0100 = 1µm | | 10 = 10" | | E2 = 213/Flat | S = SS Steel | E = EPDM | | |
| | | 0300 = 3µm | | 20 = 20" | | H1 = 222/Fin | | B = NBR | | |
| | | 0500 = 5µm | | 30 = 30" | | H2 = 222/Flat | | V = Viton | Y = SS reinforcement (Endcap D0, E2, H1, H2, excluded) | |
| | | 1000 = 10µm | | 40 = 40" | | H5 = 222/Spear Fin | | F = E-FKM | | |
| | | 2000 = 20µm | | | | K1 = 222 Ext/Fin | | | P = PSU reinforcement (Endcap G1, G2, only) | |
| | | | | | | K2 = 222 Ext/Flat | | | | |
| | | | | | | G1 = 226/Fin | | | | |
| | | | | | | G2 = 226/Flat | | | | |
| | | | | | | G5 = 226/Spear Fin | | | | |

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High Performance Glass Fiber Pleated Filter Cartridges

The CFP series High Performance Glass Fiber (GF) Pleated Filter cartridges are made of ultra-fine glass fiber. It has a high retention efficiency up to 96% which can effectively protect and prolong service life of terminal sterilization filters. It is widely used in the pre-filtration of gases etc.



Features

- No fiber releasing, very low leachables
- High flow rates and low pressure drops
- Excellent adsorption performance and high filtration efficiency
- All components comply with FDA regulations
- 100% integrity tested

Applications

- Remove particles in compressed gas, oil etc.
- Pre-filtration of gases in fermentation

Dimension

| | |
|----------|------------------------|
| Diameter | 69 mm |
| Length | 5", 10", 20", 30", 40" |

Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR
- Materials used to produce filter media and hardware meet the specifications for biological safety per USP Class VI-121 °C for plastics
- Filter cartridges passed European Commission Directives (EU10/2011)
- Halal Certified

Material of Constructions

- Media GF
- Support PP
- Cage/Core/End PP
- O-Ring Silicone, EPDM, NBR, FKM, E-FKM

Quality

- Filter Cartridges are manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System
- 100% integrity test

Performance

Operating Conditions

| | |
|---------------------------|-----------------|
| Max Operating Temperature | 80 °C |
| Max. Operating DP | 4.0 bar @ 20 °C |
| | 2.4 bar @ 80 °C |

Sterilization

| | |
|-------------------------|-----------------|
| Autoclave Sterilization | 121 °C , 60 min |
|-------------------------|-----------------|

Filtration Area

| | |
|--------|--|
| Ø 69mm | 0.45 m ² /10" Filter cartridges |
|--------|--|

Extractables

| | |
|-----------------------|---------|
| 10" Filter Cartridges | < 20 mg |
|-----------------------|---------|

Eg.=> CFPGF0010P50AD0PSS0

| ORDERING INFORMATION | | | | | | | | | | |
|-------------------------|------------------|----------------|-------------|----------|---------------|--------------------|-------------|------------------|--|-----------|
| Product Type | Membrane Type | Removal Rating | Application | Size | Diameter | Endcap | Inner Core | Sealing Material | Connection Support | Revision |
| CFP = Pleated Cartridge | GF = Glass Fiber | 0010=0.1µm | P = Premier | 5 = 5" | 0A = OD:69 mm | D0 = DOE | P = PP Core | S = Silicone | S= Standard | 0 = Rev.0 |
| | | 0030=0.3µm | | 10 = 10" | | E2 = 213/Flat | S = SS Core | E = EPDM | | |
| | | 0050=0.5µm | | 20 = 20" | | H1 = 222/Fin | | B = NBR | Y = SS reinforcement (Endcap D0, E2, H1, H2, excluded] | |
| | | | | 30 = 30" | | H2 = 222/Flat | | V = FKM | | |
| | | | | 40 = 40" | | H5 = 222/Spear Fin | | F = E-FKM | | |
| | | | | | | K1 = 222 Ext/Fin | | | P = PSU reinforcement (Endcap G1, G2, only) | |
| | | | | | | K2 = 222 Ext/Flat | | | | |
| | | | | | | G1 = 226/Fin | | | | |
| | | | | | | G2 = 226/Flat | | | | |
| | | | | | | G2 = 226/Flat | | | | |