

Microfiber Glass Cartridge GF



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Dorsan® glass microfiber cartridges offer an absolute and economical solution for liquids and gases. They offer excellent levels of flow and a long useful life with an exceptional ability to retain colloidal particles and nondeformable ones.

They are depth filters that are manufactured with borosilicate microfibers of small microns in length, thus allowing a considerable retention capacity. They are the perfect prefilters for the absolute membranes.

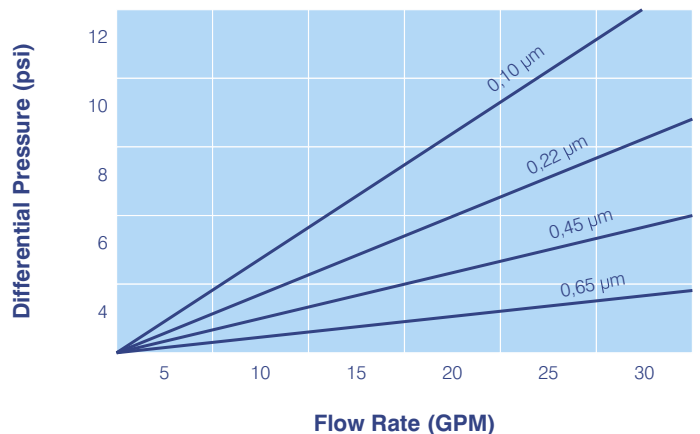
The glass microfiber has the peculiarity of presenting a positive charge by nature. In this way it also manages to easily trap negatively charged particles such as most bacteria, endotoxins and colloidal materials present in some liquids.

Food Safety Compliance

FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21 CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 2002/72/EC, 1935/2004, and/or 10/2011

Applications

- Membrane Pre-Filtration
- Sterile Air Pre-Filtration
- Corn Syrup
- R.O. Pre-Filtration
- Wine Clarification
- Hydrocarbons



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Ordering Information

	Pore Size μm	D	Length"	E	Configurations	O-Rings / Gaskets	Insertions
DGF	0.22	D	10	E	Blank = DOE	B = Buna-N	R = Inox
	0.45	D	20	E	1 = DOE Flat Gasket	S = Silicone	
	0.65	D	30	E	2 = 222 w/Flat Cap	P = Polyfoam Joints	
	1.0	D	40	E	3 = 222 w/Fin	E = EPDM	
	3.0			E	6 = 226 w/Flat Cap	V = Viton®	
	5.0			E	7 = 226 w/Fin	T = Teflon® encapsulated Viton	
	10.0			E	10 = 226 w 3 flange/Fin		

Sterilization

Steam In-Place:

121°C, 30 minuts, multiple cycles.

Hot Water:

85°C, 30 minuts, multiple cycles.

Filter Dimension

Length:

< 10 to 40"

Outside Diameter:

< 2.75"

Materials of Construction

Filter Media: FDA

Supports: Polyester

Cage/End Caps: Polypropylene

Core: Polypropylene

Adaptor: Polypropylene

O-rings: Silicone/EPDM

Operating Conditions

Temperature:

5.2 bar a 25°C

Change Out:

Δp 35 PSI

Note. We reserve the right to change these informations without any previous notice.

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