# GasClean® GF Filter Cartridges

Super-Fine Glass Microfiber · Pre-Filtration

Cobetter **GasClean® GF** Filter Cartridges composed of super-fine glass microfiber with a dirt holding capacity of over 90%. They are highly recommended for the pre-filtration of gas for effective protection of sterilizing grade membrane filters to significantly increase service life. They are recommended for use in food and beverage applications with aseptic requirements.

#### **Features and Benefits**

- · High porosity for high flow rates and low pressure drops
- High retention efficiency and process safety
- · Protect final sterilizing grade air filters for long service life

#### **Materials of Construction**

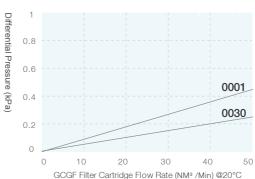
Filter Media	Super-fine Glass Fiber		
Cage/Support	Polypropylene		
Core	304 Stainless Steel/Polypropylene		
End Caps	Reinforced Polypropylene		



### ting Conditions

perature	80°C
rential Pressure	4.0 bar / 21°C (forward flow) 2.4 bar / 70°C (forward flow) 2.0 bar / 21°C (reverse flow)
rilization	≥20 cycles (121°C/30 min @ Max.Differential Pressure of 0.5 bar)
iltration Area	0.4m <sup>2</sup> / <b>Φ</b> 71-10 inch

# Flow Rate Characteristics



Gas Pre-Filtration

## ng Information

GCGF	Removal	End Cap	Nominal Length	Seal Material	-F
[Φ71]	<b>0001</b> =0.01μm <b>0030</b> =0.3μm <b>0050</b> =0.5μm	DOE =Double Open End HTC =222 O-ring/Flat (PBT Insert) HTF =222 O-ring/Fin (PBT Insert) HSF =226 O-ring/Fin (PBT Insert) SSF =226 O-ring/Fin (SS Insert) SSC =226 O-ring/Flat (SS Insert) STF =222 O-ring/Fin (SS Insert, 3 Tabs)	<b>05</b> = 5" <b>10</b> = 10" <b>20</b> = 20" <b>30</b> = 30" <b>40</b> = 40"	<ul><li>S =Slilicone</li><li>E =EPDM</li><li>V =Viton</li></ul>	