

# 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

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

## Operating Conditions

<b>Max. Temperature</b>	80°C
<b>Max. Differential Pressure</b>	4.0 bar / 21°C (forward flow) 2.4 bar / 70°C (forward flow) 2.0 bar / 21°C (reverse flow)
<b>Steam Sterilization</b>	≥20 cycles (121°C/30 min @ Max.Differential Pressure of 0.5 bar)
<b>Effective Filtration Area</b>	0.4m <sup>2</sup> / Φ71-10 inch

## Ordering Information

GCGF	Removal	End Cap	Nominal Length	Seal Material	-F
[Φ71]	0001 =0.01µm 0030 =0.3µm 0050 =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)	05 = 5" 10 =10" 20 =20" 30 =30" 40 =40"	S =Silicone E =EPDM V =Viton	



## Flow Rate Characteristics

