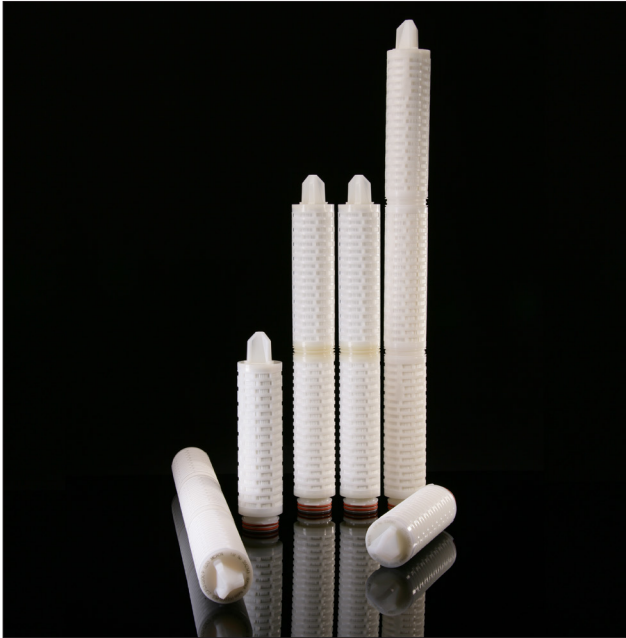


# HIGH FLOW PREPOR GFA Air & Gas

Filter Cartridges



HIGH FLOW PREPOR GFA is a high capacity glass fibre prefilter specifically designed for the removal of bulk particulate from compressed air and gases.

It is used extensively for prefiltration duties in dry compressed air systems and provides excellent protection for final sterile filters.

HIGH FLOW PREPOR GFA utilizes pleated glass fibre filter media encased within an upstream and downstream expanded polypropylene mesh filter support. The pleat pack is supported by an inner stainless steel core and outer heat stabilized polypropylene cage, heat bonded to heat stabilized polypropylene end caps.

The combination of high voids volume filter media and pleated construction results in a filter cartridge with exceptional dirt holding capacity, able to operate at very low differential pressures.

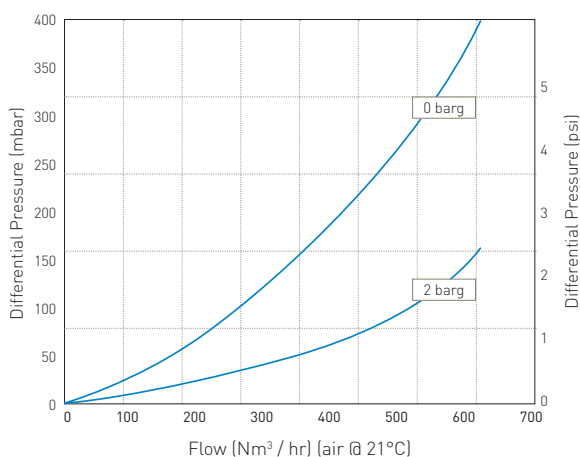
## Features

- High surface area and voids volume filter media
- Reliable efficient protection of final sterilization filters
- Retention to 1.0µm in gas

## Benefits

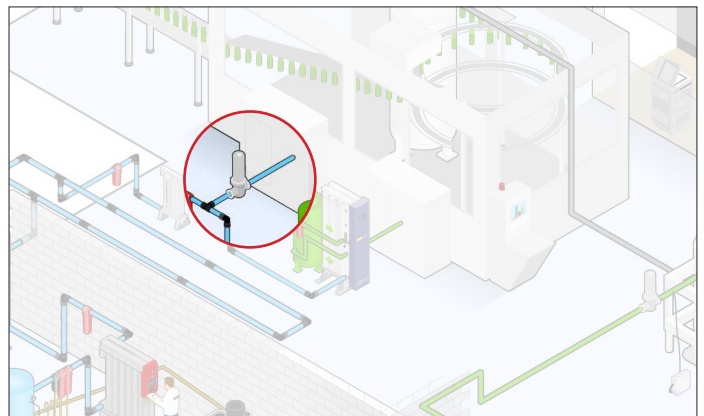
- Exceptionally high flow rates with low pressure drops
- Reliable efficient protection of final sterilization filters
- Heat stabilized componentry to allow operation at elevated temperatures

## Performance Characteristics



## Filtration Stage

### Particulate Removal



## Specifications

### Materials of Construction

- Filtration Media: Glass Microfibre
- Upstream Support: Polypropylene
- Downstream Support: Polypropylene
- Inner Support Core: 316L Stainless Steel
- Outer Protection Cage: Polypropylene
- End Caps: Polypropylene
- End Cap Insert: Stainless Steel
- Standard o-rings/gaskets: Silicone

### Recommended Operating Conditions

The maximum differential pressure in direction of flow (outside to in) is 3.5 barg (50.76 psig) at 20 °C (68 °F).

The maximum recommended continuous operating temperature is 70 °C (158 °F).

*Note: For temperatures from 70 °C (158 °F) to 100 °C (212 °F) a special product with polyester supports is available.*

### Food Contact Compliance

Parker domnick hunter's range of HIGH FLOW PREPOR GFA filters are intended for indirect food contact and as such are manufactured from materials suitable for the sterilization of compressed gasses within Food and Beverage applications. Materials conform to the relevant requirements of the United States FDA 21CFR part 177 and USP Plastics Class VI – 121°C .



### Effective Filtration Area (EFA)

10" (250 mm) 0.48 m<sup>2</sup> (5.16 ft<sup>2</sup>)

## Ordering information

ZCHP

Code	Length (Nominal)	Code	End Cap (10 inch)	Code	O-rings
1	10" (250 mm)	C	BF / 226 Bayonet	E	EPDM
2	20" (500 mm)	P	BIO-X Retrofit	S	Silicone
3	30" (750 mm)			V	Viton®
Code	Variant*				
S4*	High temperature				

HBA  
HOUSING RANGE  
AVAILABLE