SupaPore FP H0P

Hydrophobic Air and Gas Filter

SupaPore FP H0P hydrophobic filters are specifically designed for venting applications on tanks and vessels and for the filtration of compressed air and gases. These cartridges contain a very fine rated borosilicate glass fibre media surface modified with fluoropolymer to provide excellent hydrophobic properties. This ensures high flow rates and low pressure drops are achieved under a wide range of conditions.

All cartridges are thermally bonded and adhesive free to provide a robust filter.

Product Features

- Double layer hydrophobic media rated at 0.2µm
- Performance validated by bacterial aerosol challenge by an independent laboratory
- Polypropylene support
- Minimal fibre migration
- High flow rates and low pressure drops
- Available with a range of adaptors and in multiple lengths
- Long steam sterilisation life

The use of a hydrophobic media in SupaPore FP H0P cartridges helps prevent the filter from wetting-out during use. This is critical in applications where water vapour is present to ensure that air flow into and out of the equipment is maintained. Typical applications include tanks containing liquids at elevated temperatures, autoclaves where steam may come into contact with the filter and gas and air filtration in fermentation processes. The high flow characteristics of SupaPore FP H0P hydrophobic filters allow the use of smaller filters keeping costs to a minimum.

Amazon Filters manufactures a comprehensive range of housings for SupaPore FP H0P hydrophobic filters including the 50 and 60 Series for general applications and the 70 Series for more hygienic applications.

Features and Benefits

- High flow rates allow the use of smaller filters
- Double layer media for high security
- Validated performance assuring effective removal of bacteria
- Hydrophobic media prevents wetting out of the filter
- Full Product Validation Guide available
- All Supapore cartridges are manufactured under strict control with batch number identification, giving full traceability on all components

Industries and Applications

- Tank and vessel venting
- Fermentation inlet gas and off-gas filtration
- Filtration of compressed air and gasses

AMAZON

SupaPore FP H0P Technical Data

Dimensions

Outside diameter:	Standard 68.5mm	Junior 56mm
Surface area:	0.32m² (per 10″)	0.06m² (2″) 0.12m² (5″)

Sterilisation and Sanitisation*²

Steam or Autoclave: 121°C for 15 minutes (20 cycles)

Maximum Operating Conditions

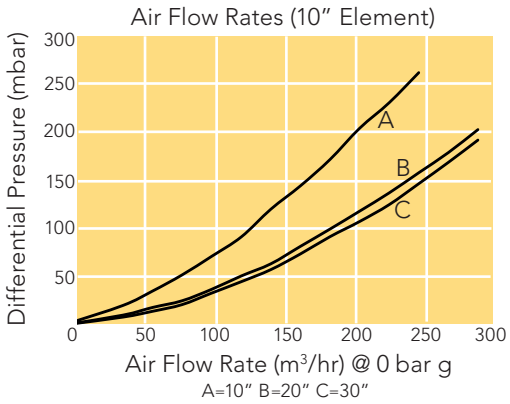
Temperature: 80°C

Recommended Maximum Differential Pressure:
Forward Flow: 4.0 bar @ 20°C
Reverse Flow: 1.5 bar @ 20°C

Materials of Construction

Filter Media: Hydrophobic Fluoropolymer coated Borosilicate Glass Microfibre
Media Support: Polypropylene
Cage, core and end caps: Polypropylene

Product validation guide available on request. All Supapore FP cartridges are manufactured under strict control with batch number identification, giving full traceability on all components.



Ordering Guide

16F	PG	H0P -	20	A	S	A	
Media	Core/Assembly	Micron Rating	Length	End Caps	Seal	Branding	Options
16F - Fluoropolymer Coated Borosilicate Glass Microfibre	PG - Polypropylene DG - Polypropylene Cage and Endcaps, Glass Filled PP Core	H0P - 0.20µm	05 - 136mm 09 - 249 20 - 496 30 - 744 40 - 991	0 - DOE A - Code A B - Code B*² S - Code S 2 - Code 2 3 - Code 3 6 - Code 6 7 - Code 7 8 - Code 8 9 - Code 9 J - Junior*³	B - Buna E - EPDM F - FEP/Silicone (SOE Only) S - Silicone T - PTFE (DOE Only) V - Viton	A - Amazon	G - Glass filled PP end cap A - Millidisk retrofit adaptor*⁴ B - ½″ BSPM adaptor*⁴ C - Trueseal retrofit adaptor*⁴

Example: 16FPGH0P - 20ASA = Borosilicate Glass Microfibre media with polypropylene core, General grade, 0.2µm, 20″, Code A connections with Silicone seals.
*² Code B - to fit Amazon 50 Series housings only
*³ Junior Cartridges available in 2″ and 5″, Code J, Single Open Ended Only
*⁴ Junior filter only

AMAZON FILTERS LTD.
ALBANY PARK ESTATE, FRIMLEY ROAD
CAMBERLEY, SURREY, GU16 7PG
ENGLAND

Tel. +44 (0) 1276 670600
Fax. +44 (0) 1276 670101
Email. sales@amazonfilters.co.uk
Web. www.amazonfilters.com