

SUPAPORE FP VENT

AMAZON

AUTOCLAVE AND TANK VENT FILTER



SUPAPORE FP vent filters are specifically designed for venting applications on tanks and vessels and to be used as vacuum break filters for autoclaves. They are manufactured using a hydrophobic media to ensure 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. These filters are fitted with a ½" BSP male connector so can easily be fitted to autoclaves and other process equipment.

Product Features

- Double layer hydrophobic media rated at 0.2µm
- Performance validated by bacterial aerosol challenge at an independent laboratory
- Polypropylene support
- Minimal fibre migration
- High flow rates and low pressure drops
- Available as 2" and 5" length cartridges
- ½" BSP male connectors
- Long steam sterilisation life

The use of a hydrophobic media in **SUPAPORE FP** 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 and autoclaves where steam may come into contact with the filter. The high flow characteristics of **SUPAPORE FP** vent filters allow the use of smaller filters keeping costs to a minimum.



SUPAPORE FP VENT 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
- Filters integrity tested during manufacture
- Hydrophobic media prevents wetting out of the filter
- ½" BSP male connector so can be easily installed
- Full Product Validation Guide available
- All **SUPAPORE** cartridges are manufactured under strict control with batch number identification, giving full traceability on all components

SUPAPORE FP VENT

TECHNICAL DATA

Dimensions

Outside diameter:	2" 56mm	5" 56mm
Surface area:	0.06m ²	0.12m ²
Length:	67mm	135mm

Sterilisation

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

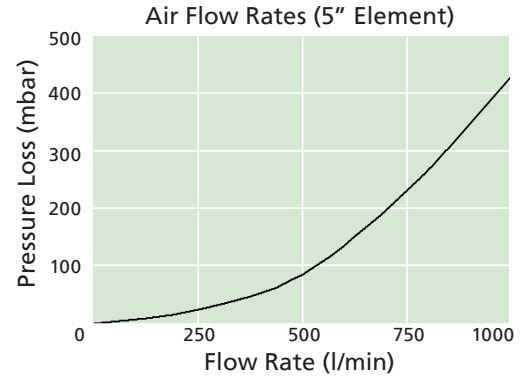
Maximum Operating Conditions

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

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MEDIA F - Fluoropolymer Coated Borosilicate Glass Microfibre	CORE/ASSEMBLY P - Polypropylene	MICRON RATING H0P - 0.20µm	LENGTH 02 - 67mm 05 - 135mm	SEAL S - Silicone	CONNECTIONS B - 1/2" BSPP male

Example: 16FPGH0P-02JSAB = Borosilicate Glass microfibre media with Polypropylene core, General Grade, 0.2µm, 2" length, with Silicone seal.

APPLICATIONS

- Tank and vessel venting
- Autoclave vacuum break

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