

SUPAPORE TP VENT

AMAZON

AUTOCLAVE AND TANK VENT FILTERS



SUPAPORE TP 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 naturally hydrophobic PTFE membrane 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

- A naturally hydrophobic PTFE membrane rated at 0.2µm
- Polypropylene support
- Minimal fibre migration
- High flow rates and low pressure drops
- Available as 2" and 5" length cartridges
- ½" BSP male connectors
- Can be repeatedly steam sterilised

The use of a naturally hydrophobic membrane in **SUPAPORE TP** 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 use of an absolute rated membrane means that removal efficiency is maintained independent of flow rate. This allows the high flow characteristics of **SUPAPORE TP** vent filters to be utilised and smaller filters to be used.



SUPAPORE TP VENT FEATURES AND BENEFITS

- High flow rates allow the use of smaller filters
- Absolute rating assures performance even at high flow rates
- Hydrophobic PTFE 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 TP VENT

TECHNICAL DATA

Dimensions

Outside diameter :	70mm	
Filter size :	2"	5"
Surface area:	0.18m ²	0.37m ²
Length:	64mm	129mm

Sterilisation

Steam or Autoclave : 136°C for 30 minutes (100 cycles)

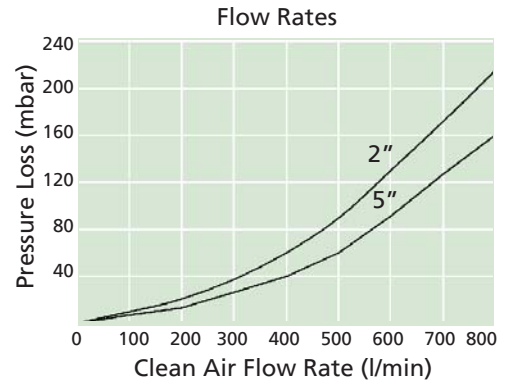
Maximum Operating Conditions

Temperature: 80°C
 Recommended Maximum Differential Pressure :
 Forward Flow : 5.0 bar @ 20°C
 Reverse Flow : 2.1 bar @ 20°C

Materials of Construction

Filter Media : PTFE
 Media Support: Polypropylene
 Cage, core and end caps : Polypropylene

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



APPLICATIONS

- Tank and vessel venting
- Autoclave vacuum break

AMAZON FILTERS LTD.

ALBANY PARK ESTATE, FRIMLEY ROAD,
 CAMBERLEY, SURREY, GU16 7PG
 ENGLAND

Tel: +44 (0) 1276 670 600

Fax: +44 (0) 1276 670 101

Email: sales@amazonfilters.co.uk

Web: www.amazonfilters.co.uk



Certificate No. FM39584

Distributed by: