

# PTFE Inline Vent Filters

**Nupore** Inline PTFE filters are disposable filters convenient for pre-fabricated devices used for sterilization of bacterial and gases in many pharmaceutical and biotechnology industries.

## Special Features

- 100% Integrity tested
- Light weight and self supporting
- High heat stability
- Heat sealed
- High flow rates
- **Total traceability** : Unique marking on each filter

## Applications

- Nitrogen blanketing in SVP
- Venting of sterile collection vessels
- Venting of small bioreactors
- Sterile air for cell factories

## Specifications

- **Maximum Operating Pressure:** 3Kg/cm<sup>2</sup> @ 30°C
- **Extractables with Water:** IPA Within limits specified in USP
- **Sterilization:** 30 autoclave cycles of 30 minutes at 121°C
- **Oxidizable Matter:** Passes test as per USP
- **Biosafety:** Passes the Biological tests for Class VI plastics as described in USP
- **Integrity Test Data (70% IPA Wetted):**  
0.2µm Bubble Point > 22psi (1.54Kg/cm<sup>2</sup>)
- **Air Flow Rates:** 0.2µm Air Flow Rate (at ΔP = 10psi) 15 lpm  
0.45µm Air Flow Rate (at ΔP = 10psi) 30 lpm



## Ordering Information:

Type		Size			Pore Size		I/O Connection		Sterilization	
Type	Code	Size	EFA	Code	Pore Size	Code	Connection	Code		Code
PTFE Vent Filter	VFTF	37mm	9.6cm <sup>2</sup>	37	0.2µm	02	1/4" SHB	01	Non Sterile	SN
		50mm	18cm <sup>2</sup>	50	0.45µm	045	1/8" MNPT	12	EO Sterile	SE
							1.5" Sanitary Flange	07	Gamma Sterile	SG

  

Example:	VFTF	37	02	01 01	SN
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