

TruVent® PTFE Inline Vent Filters

Nupore Inline PTFE filters are disposable filters convenient for pre fabricated devices. These are widely used for sterilization of bacteria and gases in the Pharmaceutical and Biotechnology industries. These vent filters are validated and assured for quality to ensure reliable performance.

Key Applications

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



Special Features & Benefits

- ✓ High flow rate and heat stability
- ✓ 100% integrity tested and validated
- ✓ Easy Identification & Traceability
- ✓ Heat sealed, light weight and selfsupporting

TECHNICAL SPECIFICATIONS

Max Pressure 3 Kg/cm² @ 30 °C

Autoclavable 30 autoclave cycles of 30 minutes at 121 °C

Bubble Point:
0.22µm: ≥ 1517 mbar (22 psi) (with 70% IPA/ water wetted)

Effective filtration area: 16.6 cm²

Microbial Retention:
0.22µm: LRV > 7 for *Brevundimonas diminuta*
0.45µm: LRV > 7 for *Serratia marcescens*

Air Flow Rate:

0.22µm: 10 lpm (ΔP = 0.2 Kg/cm²)
0.45µm: 30 lpm (ΔP = 10psi)

Water Breakthrough:

0.22µm: ≥ 30 psi (2.11 Kg/cm²)

Housing burst pressure:

Passed at 7 Kg/cm²

Water Intrusion test

(0.22µm 50mm): < 0.05 mL/min @ 30 psi

ORDERING INFORMATION CODES:

Type		Size			Pore Size		I/O Connection		Sterilization	
Type	Code	Length	EFA	Code	Micron	Code	Connection	Code		Code
PTEF Vent Filter	VFTF	37mm	9.6cm ²	37	0.22 µm	020	1/4" SHB	01	ETO	SE
		50mm	16.6cm ²	50	0.45 µm	045	1/8" MNPT	12	Gamma	SG
		70mm	34.2cm ²	70					Non-sterile	SN
									Non-sterile (Gamma Sterilizable)	SN-G

EXAMPLE: VFTF370200101SN

NUPORE®

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