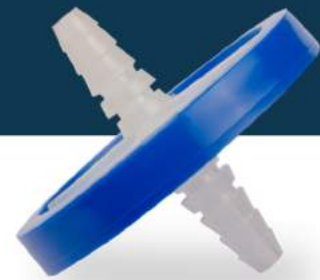


# VFPE: 50mm PES Filters

Nupore VFPE filters are disposable and compact devices with unique design to provide high flow rate, excellent throughput and low protein binding.

The VFPE filters are validated and assured for quality to ensure superior performance.



## Key Applications

- Sterile filtration of new protein molecules
- Formulation development of high value drug molecules

## Special Features & Benefits

- ✓ Easy Identification & Traceability
- ✓ Heat sealed, light weight and self-supporting
- ✓ High flow rate and low protein binding
- ✓ 100% integrity tested and validated

## TECHNICAL SPECIFICATIONS

**Burst Pressure** 8 Kg/cm<sup>2</sup>

**Autoclavable** 3 autoclave/steam sterilization cycles of 30 minutes at 121 °C

### Bubble Point:

0.22µm: ≥ 1241 mbar (18 psi) (with 70% IPA/ water wetted)  
0.45µm: ≥ 689 mbar (10 psi) (with 70% IPA/ water wetted)

### Water Flow Rate:

0.22µm: 150 ml/min ( $\Delta P = 0.35 \text{ Kg/cm}^2$  at 27°C)  
0.45µm: 200 ml/min ( $\Delta P = 0.35 \text{ Kg/cm}^2$  at 27°C)

## ORDERING INFORMATION CODES:

Type		Size			Pore Size		I/O Connection		Sterilization	
Type	Code	Length	EFA	Code	Micron	Code	Connection	Code		Code
PES + GF	VFGP	50mm	17cm <sup>2</sup>	50	0.22 µm	020	1/4" SHB	01	ETO	SE
		70mm	26cm <sup>2</sup>	70	0.45 µm	045	1/8" MNPT	12	Gamma	SG
									Non-sterile	SN
									Non-sterile (Gamma Sterilizable)	SN-G

EXAMPLE: VFGP700450101SE

**NUPORE**<sup>®</sup>

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