

# Filtration

## Disposable Filter Discs continued

### Whatman®

Mounted in a rugged polypropylene housing. All have a low hold-up volume. Dimensions 53 x 46mm diameter x length and with connections for 6 to 10mm bore tubing unless otherwise stated.

#### Polydisc HD

- ◆ Polypropylene housing and membrane
- ◆ Pore sizes 5µm or 10µm
- ◆ Filtration area 16cm<sup>2</sup>, able to filter up to 5 litres fluid before replacement
- ◆ Autoclavable at 131°C for 20 minutes
- ◆ Hold-up volume less than 0.1ml
- ◆ Maximum operating pressure 4.1 bar

Extremely versatile filter for aqueous samples and solvents. A high loading capacity and flowrate enable effective filtration for large volume sample preparation up to the 10µm level. Supplied in packs of 10.

**FC436-35** Polydisc HD, 5µm

**FC436-38** Polydisc HD, 10µm

#### PolyVENT

Encapsulated filters for in-line gas/air filtration or venting/isolation applications where a vessel contents require protecting from airborne contaminants, the environment requires protecting from the vessel contents, or sterility of the contents must be maintained during venting. Supplied in packs as indicated.

		PolyVENT 4	PolyVENT 16
Membrane size	mm	25 dia.	50 dia.
Material		0.2µm PTFE	0.2µm PTFE
Air flow rates	litres/minute	10	50
Device W x L	mm	28 dia. x 23	58 x 49
Inlet connection		Female luer lok tubing barb	6-10mm i.d. tubing barb
Outlet connection		Male luer slip tubing barb	6-10mm i.d. tubing barb

As described. Supplied in packs as indicated.

**FC437-15** PolyVENT 4, pack of 50

**FC437-18** PolyVENT 16, pack of 10

#### VacuGuard

- ◆ Hydrophobic PTFE membrane
- ◆ Maximum operating pressure 0.9 bar
- ◆ 99.97% of particles of 0.3 microns or larger are retained
- ◆ Reduces risk of cross contamination and aqueous aerosol contamination of vacuum pumps and aspiration systems
- ◆ Eliminates harmful bacterial exhaust fumes

A protection device for vacuum pumps and personnel. Harmful bacterial exhaust fumes are removed because of the particle size retention, and aqueous aerosols removed because of the hydrophobic membrane. Supplied in pack of 10.

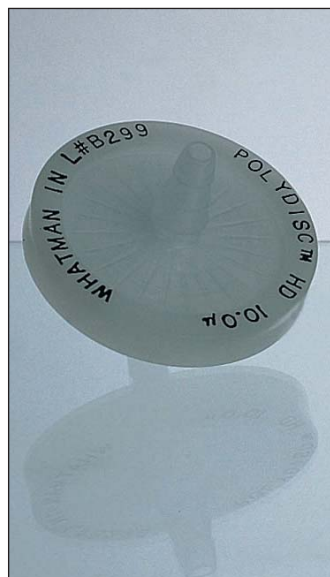
**FC440-10** VacuGuard

#### Hepa-Vent

- ◆ Laminated hydrophobic glass microfibre filter
- ◆ Wide range of chemical compatibility
- ◆ High loading capacity and high throughput filtration media
- ◆ Particle retention ≥ 0.3 micron
- ◆ Autoclavable up to 132°C
- ◆ Maximum operating pressure 4.1 bar

Ideal for rapid filtration of air or gases for sterile applications. The device is small and compact and yet able to filter large volumes of air at low pressures up to 4.1 bar, and has a high loading capacity. Non sterile. Supplied in pack of 10.

**FC445-10** Hepa-Vent



FC436



FC437



FC440



FC445