

Acro® 37 TF Vent Device With PTFE Membrane

Multi-purpose filter for small-volume venting and gas filtration



- ▶ Ideal for use with small bioreactors and fermenters.
- ▶ PTFE membrane and polypropylene housing have broad chemical compatibility.
- ▶ Disposable. Eliminates the cost and labor associated with disc-loaded stainless steel filter holders.
- ▶ Autoclavable.
- ▶ Economical. Available in bulk packaging.

Applications

- ▶ Use in-line for air/gas delivery to instruments and culture vessels, for bioisolation of a vacuum source, or for flushing instruments and cleaning parts.
- ▶ Can be used to filter small volumes of liquid solvents.

Specifications

Materials of Construction

Filter Media: PTFE on a polypropylene support

Housing: Polypropylene

Effective Filtration Area

7.5 cm²

Dimensions

Overall Length: 5.3 cm (2.1 in.)

Diameter: 4.5 cm (1.8 in.)

Inlet/Outlet Connections

Stepped hose barbs, 6.4 - 9.5 mm (1/4 - 3/8 in.) diameter

Maximum Operating Temperature

100 °C (212 °F)

Maximum Operating Pressure

4.1 bar (410 kPa, 60 psi)

Minimum Water Breakthrough

2.1 bar (210 kPa, 30 psi), bi-directional

Typical Methanol Flow Rate

70 mL/min at 0.7 bar (70 kPa, 10 psi)

Typical Air Flow Rate

3.58 L/min at 0.2 bar (20 kPa, 3 psi)

Sterilization

Provided non-sterile. Autoclavable if desired at 121 - 123 °C (250 - 253 °F) for a maximum of 20 min.

Ordering Information

Acro 37 TF Vent Device With PTFE Membrane

Part Number	Description	Pkg
4464	0.2 µm, 37 mm	24/pkg
4465	0.2 µm, 37 mm	200/pkg