

# Hydrophobic PTFE Sterile Syringe Filter 50mm

## Cat No. SF020T050S



### Key Features:

- Housing Diameter: Polypropylene (PP) 65 mm
- Inlet: Stepped Hose Barb
- Outlet: Stepped Hose Barb
- Membrane Diameter: Hydrophobic PTFE 50 mm
- Filtration Area 17.2 cm<sup>2</sup>
- The 50 mm vent filter is non-pyrogenic and non-toxic
- Specially fit for aseptic ventilation of small size fermenter and culture medium tank
- Manufactured in clean room under controlled conditions
- Accepts ID 6.6 – 11.1 mm tubing

Hydrophobic PTFE Sterile Syringe Filter is a sterilizing filter for aqueous solutions and venting. It removes microorganisms, particles, precipitates, and undissolved powders larger than nominal pore size, such as 0.2 micron ( $\mu\text{m}$ ). The 50 mm syringe filter is non-pyrogenic and non-toxic. The special construction allows minimal hold-up volume and particle shedding, making this syringe filter ideally suited for the critical needs of the pharmaceutical and biotechnological industries.

### Application Features

- Small volume liquids
- Sterile venting of small fermenters
- Sterile venting of small containers
- Sterilizing filter for aqueous solutions and venting. It can remove microorganisms, particles, precipitates, and undissolved powders larger than nominal pore size 0.2  $\mu\text{m}$
- General sterile filtration of gases and air