

# Pall Supor™ AEF 0.2 µm Filter

## Product Codes

AEF1E, AEF1NTE

## Description

**AEF1E:** Supor AEF Filter with microbore non-phthalate PVC tubing extension with clamp, male luer outlet and female luer inlet.

**AEF1NTE:** Supor AEF Filter with male luer outlet with a rotative luer locking collar and female luer inlet.

These products are CE marked under the Medical Devices Directive (93/42/EEC) and FDA 510k registered.

## Indications

The Pall **Supor** AEF 0.2 µm Filter is an air eliminating filter with low protein binding 0.2 µm Supor membrane for up to 24 hours use, with any administration set, for the removal of inadvertent particulate debris, microbial contaminants and entrained air which may be found in solutions intended for intravenous use.

This product is safe for use with pressure infusion equipment, i.e. infusion pumps.

## Contraindications

This device cannot be used to administer cellular blood products, suspensions, emulsions including micro-emulsion vitamin preparations, or medications that are not fully dissolved in the fluid being administered.

The device should not be used to filter solutions that are known to be pyrogenic or contaminated with micro-organisms.

## Precautions

**FOLLOW INSTRUCTIONS FOR USE CAREFULLY**

## Material of Construction (Fluid Pathway)

**Filter Housing:** Acrylic

**Filter Media:** Polyethersulphone (Supor) - hydrophilic

**Air Elimination Membranes:** Polytetrafluoroethylene/  
Polyester - hydrophobic

**Tubing Extension:** Non-Phthalate (TOTM plasticised)  
polyvinyl chloride

**Male Luer Connector (AEF1E):** Acrylic

**Free of Natural Rubber Latex**

## Performance

- 1. Filter Membrane:** The Supor membrane is inherently hydrophilic and chemically and biologically inert with no extractable wetting agents
- 2. Protein Binding/ Drug Compatibility:** The Supor membrane has been tested with over 55 different drugs and demonstrated to have low protein binding and broad drug compatibility
- 3. Contaminant Removal:** For the removal of inadvertent particulates debris, microbial contaminants and entrained air
- 4. Recommended Change:** 24 hours
- 5. Maximum Recommended Working Pressure:** 200 kPa (2 bar, approx. 30 psi, 1500 mm Hg)
- 6. Maximum Flow Rate:** (0,9 % saline at 1 m gravity feed)  
AEF1E: Approx. 9 mL/min  
AEF1NTE: Approx. 12 mL/min
- 7. Infusion Regimes:** Continuous infusion or intermittent infusions/injections. The filters are compatible with all standard clinical infusion regimes including use with infusion pumps and syringe pumps

# Pall Supor AEF 0.2 µm Filter Technical Data

## Specifications

### Filtration Media:

- **Pore Size:** 0.2 µm hydrophilic (Supor) membrane
- **Surface Area:** Approx. 4.5 cm<sup>2</sup>

### Air Elimination Membranes (2):

- **Surface Area:** Approx. 0.32 cm<sup>2</sup>

### Tubing Extension (AEF1E):

Microbore (0.9 mm ID/2 mm OD), 25 cm length downstream of the filter

### Hold-up Volume:

**AEF1E:** Approx. 1.0 mL

**AEF1NTE:** Approx. 0.7 mL

### Connections:

**AEF1E:** ISO female luer inlet and ISO male luer outlet

**AEF1NTE:** ISO female luer inlet and ISO male luer outlet with a rotative luer locking collar

**Sterility:** Sterile (Gamma irradiation) and non-pyrogenic fluid pathway

**Shelf Life:** 5 years

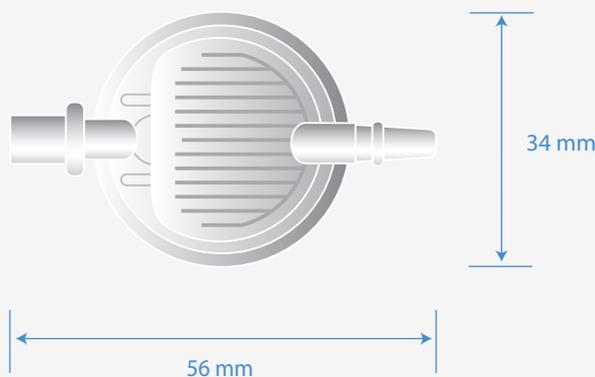
## Packaging

50 Units Per Case

## Quality

- All materials in the fluid pathway meet relevant sections of ISO 10993 series of standards
- Conform to ISO 8536-11
- Luer Connectors conform to ISO 20594-1
- Sterilised in accordance with ISO 11135
- Designed and manufactured using quality systems approved ISO 9001 and ISO 13485

Supor AEF 0.2 µm Filter shown at actual size (AEF1E without the tubing extension)



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