

## Pall Supor™ AEF 5.0 µm Filter

### Product Code (US)

AEF5NT

### Description

**Supor** AEF 5.0 µm Filter with female luer inlet and male luer outlet with a rotative luer locking collar.

This product is FDA 510k cleared.

### Indications

The Pall **Supor** AEF 5.0 µm Filter is an air eliminating filter 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 is not designed, sold or intended for use except as indicated.

The filter should not be used to filter cellular blood products or filter any preparation that is 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

**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): approx. 88 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

### Specifications

#### Filtration Media:

- **Pore Size:** 5 µm hydrophilic (Supor) membrane
- **Surface Area:** Approx. 4.5 cm<sup>2</sup>

#### Air Elimination Membranes:

- **Number:** 2
- **Surface Area:** Approx. 0.64 cm<sup>2</sup>

**Hold-up Volume (filter housing):** Approx. 0.7 mL

**Dry Weight (excluding protective caps):** Approx. 4 g

**Connections:** ISO female luer inlet and ISO male luer outlet with a rotating luer locking collar

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

**Shelf Life:** 5 years

# Pall Supor AEF 5.0 µm Filter Technical Data

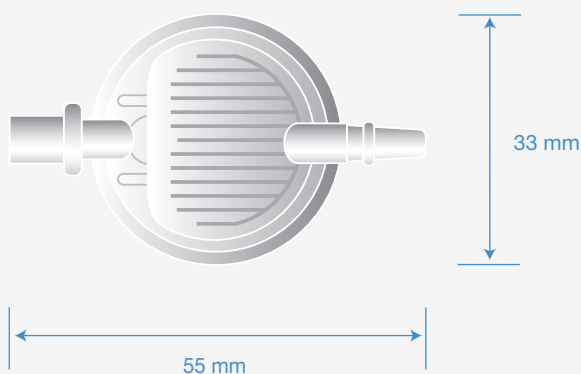
## Packaging

40 Units Per Case

## Quality

- All materials in the fluid pathway meet relevant sections of ISO 10993 series of standards
- Luer Connectors conform to ISO 20594
- Sterilised in accordance with ISO 11137
- Designed and manufactured using quality systems ISO 9001 and ISO 13485

Supor AEF 5.0 µm Filter  
shown (here without the rotative  
luer locking collar) at actual size



Medical

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