PALL Medical

# Pall Supor™ AEF Filter

## Reorder codes AEF1E, AEF1NTE

## Indications:

The Pall® Supor AEF 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.

STERILE and non-pyrogenic fluid pathway.

## 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 carefully.

Use aseptic technique.

Use aseptic technique. For single use; do not resterilise or reuse. Do not use if packaging is damaged or end protectors are loose or displaced.

AEF1E - Do not inject into plastic tubing.
AEF1NTE - If repositioning of filter or connection is required, loosen luer locking collar, reposition, then retighten locking collar firmly. Avoid rotation of connection with locking collar applied.

The maximum recommended working pressure (P) is 200 kPa (1500 mmHg, 2 bar, approx 30 psi). When the working limits of the filter are exceeded, the cause(s) of the added resistance contributing to the elevated working pressure should be investigated and corrected.

The internal volume of the filter housing is approximately 0.7 mL. This information may be useful when administering bolus injections. When using syringes smaller than 10 mL for delivery of bolus injections upstream of the filter, care must be taken to avoid generating pressures that exceed the filter's maximum working pressure resulting in leakage.

The administration set clamp should be closed during solution container change. It is recommended that the filter clamp (if present), periodically be repositioned to ensure proper flow rate delivery over the course of 24 hours.

It is recommended that this filter is changed at 24 hours.

When a pump is used on the primary line, position filter downstream of pump.

## NOTES:

A minute quantity of condensation may be observed in air venting chambers during use. This does not alter removal rating of hydrophobic membrane or significantly affect air elimination.

This product is free of natural rubber latex.

**Ordering Information**

| Reorder Code | Product Description | Packaging Units | Quantity |
|---|---|---|---|
| AEF1E | Supor AEF low protein binding intravenous filter set for 24-hour use, inlet female luer connector, outlet microbore tubing, slide clamp, and male luer connector | Individually packaged | 50/case |
| AEF1NTE | Supor AEF low protein binding intravenous filter set for 24-hour use, inlet female luer connector and outlet male luer connector with rotating collar | Individually packaged | 50/case |

# Pall Supor™ AEF Filter

## To Prime Filter

- Prime administration set in usual manner and close administration set clamp. Remove protective cap from filter inlet without removing cap from luer adaptor, (or filter outlet of AEF1NTE).
- Connect luer adaptor of administration set to filter inlet using a twisting motion. Over tightening of the luer connection should be avoided. The inlet will accept standard male luer connections.


Hold filter and luer adaptor in upright position as shown, with plain (non ribbed) side facing.


Ensure that the filter is vertical and below the level of the solution container, Open administration set clamp and slowly prime filter and tubing extension (if present).


During priming rotate filter to view the ribbed side.


Close administration set clamp.
Verify that no air bubbles are present on patient (ribbed) side of filter and downstream tubing extension (if present). If air bubbles are observed, open administration set clamp slightly to re-establish flow then gently tap filter housing. Observe that no bubbles are present. Close administration set and filter clamp.

Connect to patient and regulate flow in usual manner. Alternatively, filter may be primed using a syringe and saline. The administration set can then be connected to inlet of filter. If using filter variants with downstream extension tubing, clamp tubing or use downstream tubing clamp to shut off flow. This will prevent the filter from unintentional draining. If using filter variant without attached downstream extension tubing (i.e. AEF1NTE), apply temporary clamp to prevent filter from unintentional draining. Colors of components shown, except for filter housing, may vary.


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The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.




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