

## Pall Posidyne® NEO Filter

### Product Codes (US)

NEO96, NEO96NY

### Description

**NEO96:** Posidyne NEO Filter with 7 cm long upstream tubing, female luer inlet, 7 cm long downstream tubing, male luer outlet and clamp.

**NEO96NY:** Posidyne NEO Filter with 6 cm long upstream tubing, female luer inlet, 12 cm long downstream tubing, needleless 'Y' access site, male luer outlet and clamp.

These products are FDA 510k cleared.

### Indications

The Pall **Posidyne** NEO Filter is an air eliminating filter with 0.2 µm Posidyne membrane for up to 96 hours use with any administration set, for the removal of inadvertent particulate debris, microbial contaminants and their associated endotoxins and entrained air which may be found in solutions intended for intravenous administration.

### 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:** Polyamide - hydrophilic

**Air Elimination Membranes:** Polytetrafluoroethylene-hydrophobic

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

**Needleless Access Y-Site (NEO96NY):** Acrylic (housing), Silicone rubber (piston), Polyurethane (luer connector)

**Male Luer Connector (NEO96):** Acrylic

**Male Luer Connector (NEO96NY):** Acrylonitrile-butadiene-styrene (ABS)

**Female Luer Connector:** Polyester co-polymer

**Free of Natural Rubber Latex**

### Performance

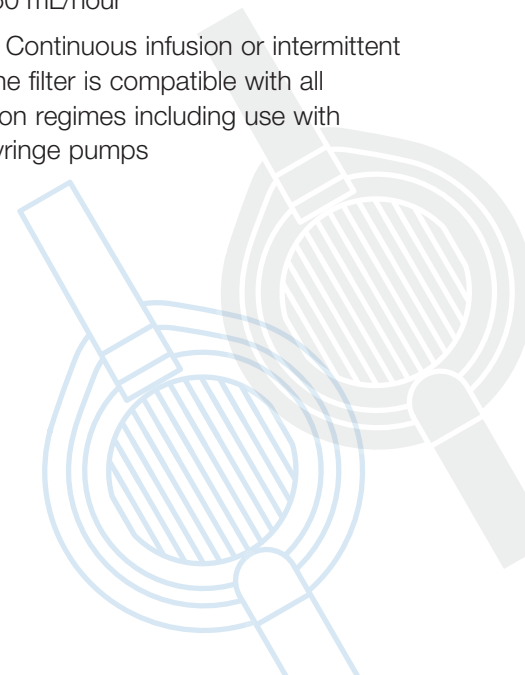
**1. Contaminant Removal:** For the removal of inadvertent particulates debris, microbial contaminants and their associated endotoxins and entrained air

**2. For Use Up To:** 96 hours

**3. Maximum Recommended Working Pressure:** 200 kPa (2 bar, approx. 30 psi, 1500 mm Hg)

**4. Maximum Flow Rate:** (0.9 % saline at 1 m gravity feed)  
NEO96: Approx. 110 mL/hour  
NEO96NY: Approx. 150 mL/hour

**5. Infusion Regimes:** Continuous infusion or intermittent infusions/injections. The filter is compatible with all standard clinical infusion regimes including use with infusion pumps and syringe pumps



## Specifications

### Filtration Media:

- **Pore Size:** 0.2 µm hydrophilic (Posidyne) membrane
- **Surface Area:** Approx. 1.65 cm<sup>2</sup>

### Air Elimination Membrane:

- **Surface Area:** Approx. 0.12 cm<sup>2</sup>

### Tubing Extension:

Ultra-microbore (0.5 mm ID/2.2 mm OD)

### Hold-up Volume:

**NEO96:** Approx. 0.4 mL

**NEO96NY:** Approx. 0.5 mL

Y-site to Tubing Outlet Volume (NEO96NY): 0.06 mL

### Filter Housing and Ultra-Microbore Tubing Flush

**Volume:** 90 % of Gentamycine (10 mg/mL) is recovered in 0.8 mL flush volume

### Weight:

**NEO96:** Approx. 5 g

**NEO96NY:** Approx. 7 g

**Connections:** ISO male luer outlet, ISO female luer inlet (and ISO female luer needleless access Y-site for NEO96NY)

**Sterility:** Sterile (Ethylene Oxide sterilization) and non-pyrogenic fluid pathway

### Shelf Life:

**NEO96:** 5 years

**NEO96NY:** 3 years

## Packaging

40 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 594-2
- Sterilized in accordance with ISO 11135
- Designed and manufactured using quality systems ISO 9001 and ISO 13485

Posidyne NEO Filter shown at approx. size



Filter Housing Dimensions (approx.)

Diameter: 2.0 cm

Length (including tubing ports): 3.8 cm

Depth (including tubing ports): 0.75 cm

Depth (excluding tubing ports): 0.52 cm



Medical

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