

## Nephros EndoPur® Endotoxin Filters

### High-flow filtration for water rooms

Nephros EndoPur filters offer effective, 5-log endotoxin retention for up to 12 months. These filters are intended for use following other water treatment equipment, such as reverse osmosis, to assist in providing dialysis-quality water.

- 222 O-ring connection cartridge available in 10" and 20" length configurations
- High flow-rate and volume capacity
- Able to withstand heat and chemical disinfection<sup>(1)</sup>
- FDA 510(k)-cleared as Class II filters to retain bacteria, viruses, and endotoxins
- Proprietary hollow-fiber membrane technology
- 0.005 micron pore size retains contaminants through size exclusion



Contact us for more information

(201) 343-5202

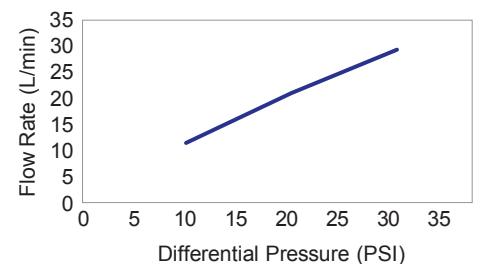
sales@nephros.com

**The endotoxin retention of Nephros EndoPur filters exceeds the ISO 23500-5 standard for dialysis fluid**

### Specifications

|  |                                    |
|--|------------------------------------|
| <b>Compatible Disinfection<sup>(1)</sup></b> | Chemical, heat                     |
| <b>Max Differential Pressure</b>             | 30 psi (2 bar)                     |
| <b>Membrane Material</b>                     | Polysulfone                        |
| <b>Pore Size</b>                             | 0.005 micron                       |
| <b>Bacteria Retention</b>                    | >10 <sup>11</sup> (B. diminuta)    |
| <b>Virus Retention</b>                       | >10 <sup>8</sup> (PhiX-174)        |
| <b>Endotoxin Retention</b>                   | >10 <sup>5</sup> EU/ml             |
| <b>Sizes</b>                                 | 10" / 20" L x 2.5" D               |
| <b>Membrane Surface Area</b>                 | 2.6 m <sup>2</sup> per 10" segment |
| <b>Connection</b>                            | 222 O-Ring                         |
| <b>Replacement<sup>(2)</sup></b>             | Up to 1 year                       |

### Clean Water Flow



### Filters

|          |                                   |
|----------|-----------------------------------|
| 70-0110H | EndoPur Endotoxin 10" Filter Flat |
| 70-0120H | Endopur Endotoxin 20" Filter Flat |

(1) Up to 52 heat cycles with water ≤85°C. Heat testing based on the following cycle details: ramp-up to 85°C for 1.5–2 hours, hold at 85°C for 2 hours, then cool down to room temperature for 1–1.5 hours, with a maximum differential pressure of 8 psi at 85°C. (2) Replacement schedule with weekly chemical disinfection.

Nephros is committed to improving the human relationship with water through leading, accessible technology. We provide innovative water filtration products and services, along with water-quality education, as part of an integrated approach to water safety. Nephros goods serve the needs of customers within the medical and commercial markets, offering both proactive and emergency solutions for water management.