



ENDOTOXIN FILTER (CF-609N)

DIALYSIS FLUID FILTER FOR THE REMOVAL OF
ENDOTOXINS, BACTERIA, AND PARTICLES



ENDOTOXIN FILTER (CF-609N)

DIALYSIS FLUID FILTER FOR THE REMOVAL OF ENDOTOXINS, BACTERIA, AND PARTICLES

Nipro's endotoxin filter is designed to reduce and/or eliminate endotoxins, bacteria, and particles with a molecular weight of 6000 dalton or higher.

This filter for dialysis fluid, also known as CF-609N or "cut filter", features a polyethersulfone (PES) membrane developed specifically for use in precision ultrafiltration filters.

ADVANTAGES OF NIPRO'S ENDOTOXIN FILTER:

Withstands high pressure

CF-609N can be incorporated into pressurized systems thanks to its PES membrane with an inner diameter of 500 μm , a thickness of 150 μm , and a high pressure resistance of 1,5 kgf/cm².

Low maintenance

Since inlet water may contain impurities, regular flushing of CF-609N is required in order to maintain its high water permeability. However, flushing is performed automatically by the dialysis machine during disinfection cycles.

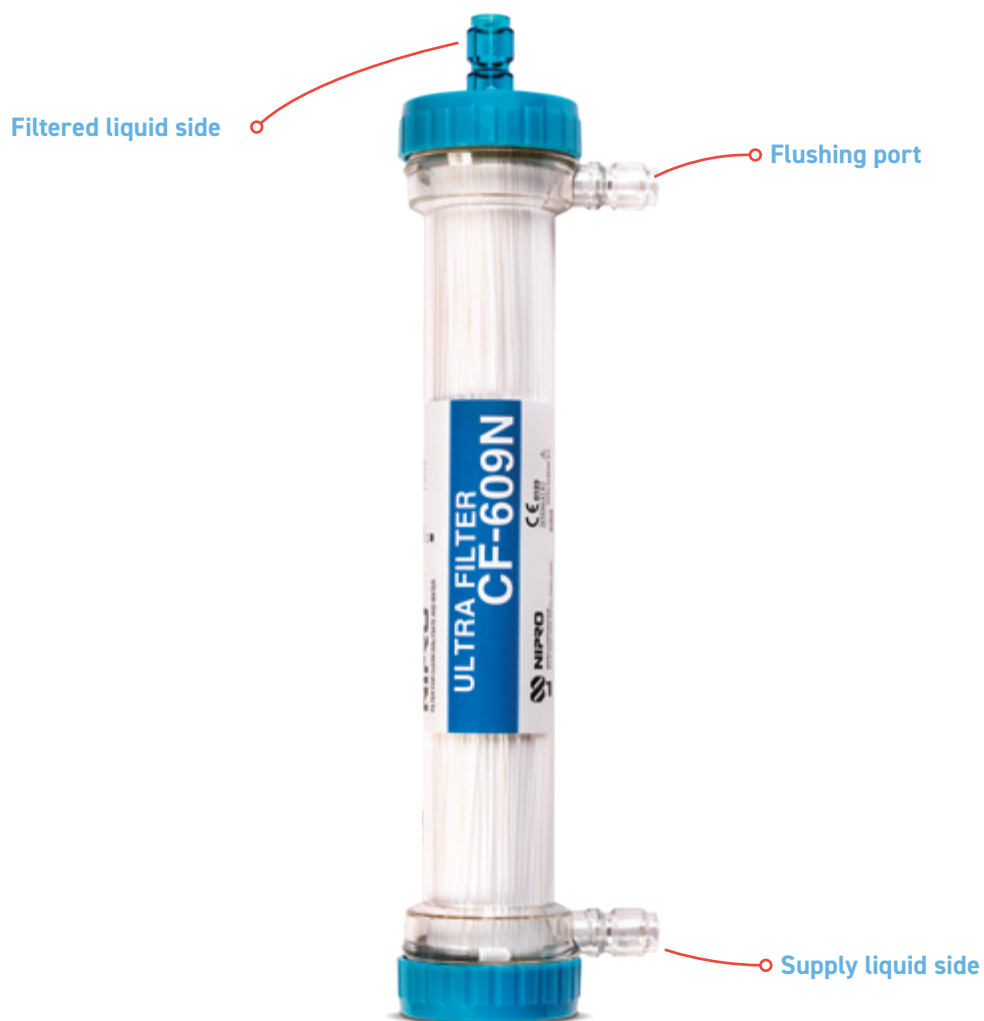
CF-609N's flushing port makes sure that air and wastewater are removed efficiently from the system prior to the next dialysis session.

Easy to use

Simply remove the three port caps before attaching the product to the hemodialysis machine.

CF-609N is compatible with all models of Surdial™ X and Surdial™ 55Plus.





Material Composition

	Composition	Details
Hollow fiber membrane	Hydrophobic Polyethersulfone (PES)	0,6 m2 membrane area 500 µm inner diameter 150 µm membrane thickness
Housing	Polycarbonate (PC)	
Potting compound	Polyurethane (PU)	
O-ring	Silicone rubber	

Specifications

	Value
Logaritmic retention value (LRV) for bacteria	8,0 (10^{-8})
Logaritmic retention value (LRV) for endotoxins	4,0 (10^{-4})
Maximum operating pressure	1,5 kgf/cm ²
High water permeability and pressure loss	0,07 kgf/cm ² (at 37°C and 500 mL/min)
Molecular weight cut-off point	6000 dalton
Sterilization	Gamma ray

Nipro Renal Care is part of Nipro Corporation Japan, a leading global healthcare company established in 1954. With over 38,000+ employees worldwide, Nipro serves the Medical Device, Pharmaceutical, and Pharmaceutical Packaging industries.

Nipro Renal Care is a global market leader with over 6 decades providing renal solutions for dialysis and dialysis-related treatment. We specialize in developing dialysis machines, water treatment systems, and a comprehensive portfolio of disposable medical equipment.

In order to address the needs of patients, healthcare professionals, and procurement managers alike, Nipro Renal Care is driven by innovation and patient safety to offer the highest quality products that optimize time, effort, and costs.

LIVE LONGER. LIVE BETTER.

