

Endo-MAXX CN

Charged Nylon for Endotoxin Reduction

Clarity
clear solutions

PRODUCT HIGHLIGHTS

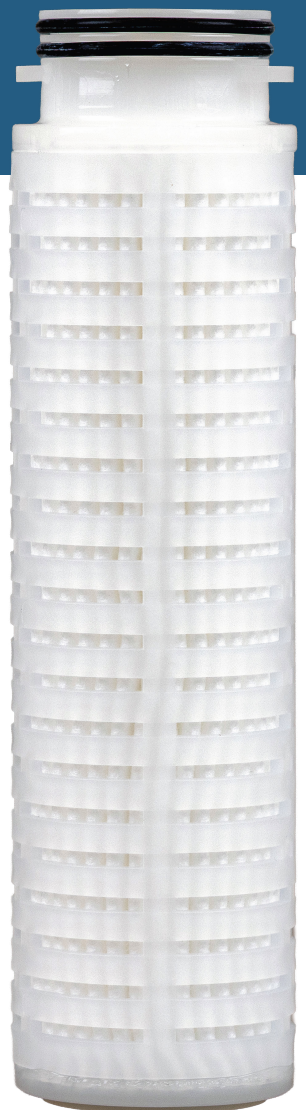
- **Integrity tested** endotoxin removal filter
- **Absolute-rated membrane** provides reliable, consistent and repeatable filtrate quality
- **Maximum pleat design** for greater surface area, ensuring longer service life, fewer change outs and reduced operating costs per element
- **All materials of construction are FDA compliant** with CFR Title 21, pharmaceutical grades are bio-safe in accordance with USP Class VI
- **Thermally bonded construction** without the use of adhesives or binders, resulting in lower extractables
- **Positive zeta potential** for removal of charged particles smaller than the absolute retention rating of the filter

PRODUCT DESCRIPTION

Strainrite's [Endo-Maxx CN](#) was developed for the filtration of fluids that require a high degree of particle and bacterial retention while achieving a two and a half log reduction of endotoxin.

Hydrophilic charged nylon membrane provides excellent flow rates, broad chemical compatibility, low extractability, high mechanical strength, and temperature resistance in a variety of industries for the biopharmaceutical and dialysis processes.

The [Endo-Maxx CN](#) meets USP Biological Reactivity Test, in vivo for class VI-121°C plastics. Sterilizable using industry recognized and accepted methods.



ABSOLUTE RATED RETENTION0.1, 0.2 μm **PRODUCTION PROCESS**

Thermal Bond

OUTSIDE DIAMETER

2.7" (6.87cm)

REINFORCING RING

316 Stainless Steel

MAXIMUM DIFFERENTIAL PRESSURE

Forward: 75 psid (5.1 bar) @ 75°F (24°C)

40 psid (2.8 bar) @ 180°F (82°C)

Reverse: 50 psid (3.4 bar) @ 75°F (24°C)

APPROXIMATE SURFACE AREA

6.8 square feet per 10" equivalent

MAXIMUM OPERATING TEMPERATURE

180°F (82°C) Continuous Duty Polypropylene

PLEAT SUPPORT MATERIAL

Polypropylene | Polyester

FILTER MEDIA

Charged Nylon 6,6 cast on Polyester

CAGE/CORE/ENDCAPS

Polypropylene

TOXICITY

Cartridge materials meet USP Class VI and FDA CFR 21 for food and beverage contact

SEALSBuna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon |
FEP Encapsulated Silicone | PTFE Foam | PTFE Hard**PACKAGING ECONOMY**

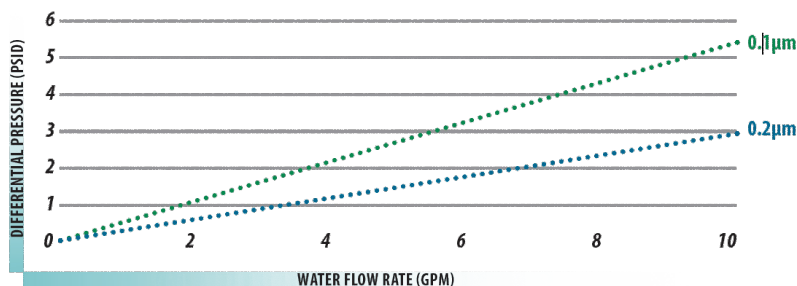
Bulk packaging in case quantities to reduce material disposal:

5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton
<**LENGTHS**

5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

ENDOTOXIN REDUCTION

The Endo-MAXX CN cartridge media has been third party verified to deliver a >2 log reduction of bacterial endotoxin using the gel-clot characterization method

PERFORMANCE CHARACTERISTICS**ORDER OPTIONS**

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RINGGRADE
EDXCN Endo-MAXX CN	0.1 μm 0.2 μm	5" 10" 20" 30" 40"	PE Polyester PP Polypropylene	C3 = Flat/222 C6 = Flat/226 C7 = Fin/226 C8 = Fin/222	S = Silicone B = Buna N V = Fluorocarbon E = EPDM TF = PTFE Foam TH = PTFE Hard TV = Encapsulated Fluorocarbon TS = Encapsulated Silicone

