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 RETENTION
0.1, 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

SEALS
Buna 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

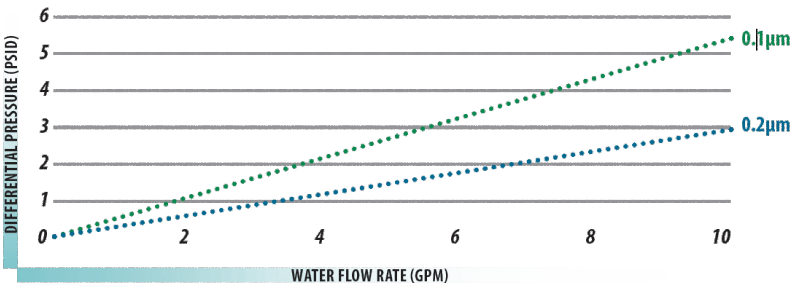
LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

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

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS



v 1026

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

EDXCN → 0.1 (MICRON RATING) – 10 (CARTRIDGE LENGTH) → PP (PLEAT SUPPORT) → C3 (END CAP CONFIGURATION) → S (GASKET / O-RING MATERIALS) → **EDXCN0.1-10PPC3S**

THE STRAINRITE Companies | World Class Filtration
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