

Endo-MAXX CN

Charged Nylon for Endotoxin Reduction

- ▶ ENDOTOXIN REMOVAL
- ▶ HIGH PURITY WATER



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.

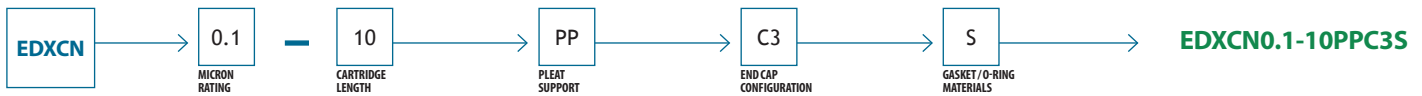
Hydrophilic charged nylon membrane provides excellent flow rates, broad chemical compatibility, low extractability, high mechanical strength, and temperature resistance in a variety of industries for the biopharmaceutical and dialysis processes.

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

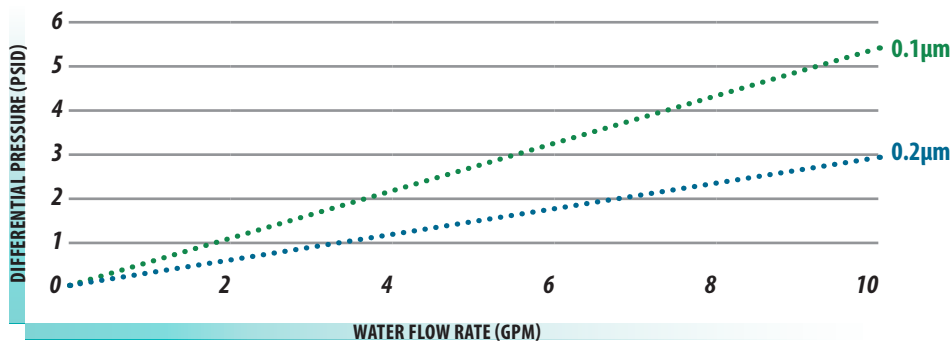
- ▶ **INTEGRITY TESTED ENDOTOXIN REMOVAL FILTER**
- ▶ **ABSOLUTE-RATED MEMBRANE PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATE QUALITY**
- ▶ **MAXIMUM PLEAT DESIGN FOR GREATER SURFACE AREA, ENSURING LONGER SERVICE LIFE, FEWER CHANGE OUTS AND REDUCED OPERATING COSTS PER ELEMENT**
- ▶ **ALL MATERIALS 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**



ORDER GUIDE



| | | | |
|---|------------------------------------|---|------------------|
| ABSOLUTE RATED RETENTION | | | |
| 0.1, 0.2 | | | |
| 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) | |
| MAXIMUM OPERATING TEMPERATURE | | | |
| 180°F (82°C) Continuous Duty | | | |
| TOXICITY | | | |
| Cartridge materials meet USP Class VI and CFR 21 for food and beverage contact | | | |
| STERILIZATION | | | |
| Cartridge can be sterilized via steam or Autoclave: 20 times at 275°F (135°C) Cartridge may be sanitized in place with common sanitizing agents, contact factory for chemical compatibility | | | |
| 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 | | | |
| FILTER MEDIA | END CAPS | PLEAT SUPPORT MATERIAL | CAGE/CORE |
| Charged Nylon 6,6 cast on Polyester | Polypropylene | Polypropylene Polyester | Polypropylene |
| SEALS | | | |
| Buna N Fluorocarbon EPDM Silicone FEP Encapsulated Fluorocarbon FEP Encapsulated Silicone PTFE Foam PTFE Hard | | | |
| CONSTRUCTION METHOD | | | |
| Thermal Bond | | | |
| OUTSIDE DIAMETER | APPROXIMATE SURFACE AREA | | |
| 2.7" (6.87cm) | 6.8 square feet per 10" equivalent | | |
| 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 | |
| EDXCN | Endo-MAXX CN |
| MICRON RATINGS | |
| 0.1, 0.2 | |
| CARTRIDGE LENGTH | |
| 5, 10, 20, 30, 40 | |
| PLEAT SUPPORT | |
| PE PP | Polyester Polypropylene |
| END CAP CONFIGURATIONS | |
| C3 C6 C7 C8 | Flat/222 Flat/226 Fin/226 Fin/222 |
| GASKET/O-RING MATERIAL | |
| S B V E TF TH TV TS | Silicone Buna N Fluorocarbon EPDM PTFE Foam PTFE Hard Encapsulated Fluorocarbon Encapsulated Silicone |