Mem-PLEAT SG & Pur-MAXX SG

Sterilizing Grade Pleated Polyethersulfone Membrane

- DIAGNOSTICSLARGE VOLUME PARENTERALS
- ► BUFFER SOLUTIONS
 ► CELL CULTURE
 PURIFICATION
- ► FINAL FILTRATION
 OF WFI AND
 CIP WATER
 ► VACCINES



Strainrite's Sterilizing Grade Pleated Polyethersulfone Membrane Cartridges are engineered to meet the highest standards of microorganism control for sterile fluids. These filter elements are validated for complete removal of Brevundimonas diminuta (ATCC 19146) at test concentrations of 10⁷ CFU/cm² (Colony Forming Units).

This product is ideally suited for applications where microorganism contamination causes product defects or extra processing time due to increase fluid instability. These cartridges are produced utilizing a unique multi-pleated configuration integrating highly asymmetric and hydrophillic polyethersulfone membrane with exceptional pleat support materials. This novel multi-pleated approach increases cartridge life, strength and durability, and allows our filter cartridges to withstand multiple sterilization cycles without sacrificing product integrity.

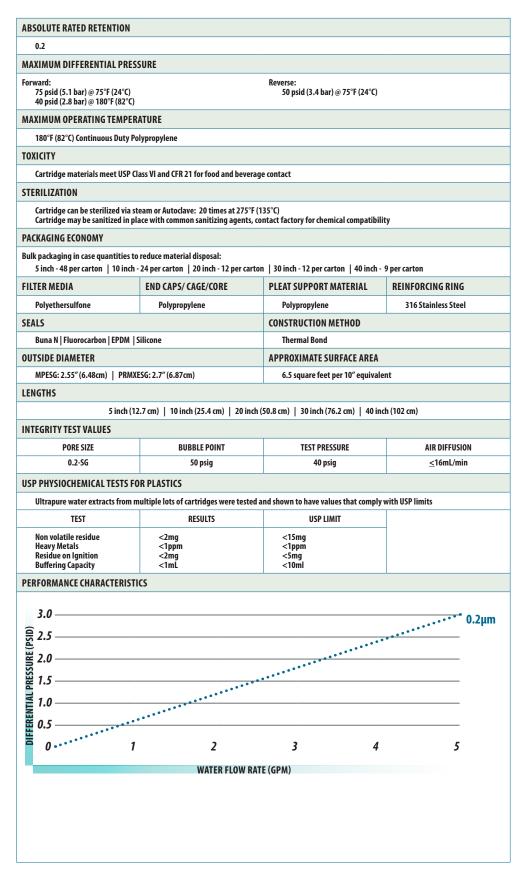
These cartridges comply with FDA CFR Title 21 and USP Biological Reactivity for Class VI Plastics. By combining these ultra pure components with the low protein binding features of highly asymmetric hydrophillic polyethersulfone membrane makes them perfect for applications in the biopharmaceutical and bottled water industries.

- ► VALIDATED 0.2 µm ABSOLUTE RATED MEMBRANE CARTRIDGE
- ► HIGH SURFACE AREA MEMBRANE OFFERS EXCELLENT LIFE AND FLUX RATES WHILE PROVIDING ABSOLUTE FILTRATION
- ► ABSOLUTE-RATED DUAL LAYER MEMBRANE PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATE QUALITY
- ► LOW PRESSURE DROPS YIELD HIGHER FLOW RATES AND REDUCED PROCESSING TIME
- ► NON-FIBER SHEDDING POLYPROPYLENE SUPPORT MATERIALS ELIMINATE FIBER MIGRATION
- ► PLEAT DESIGN FOR GREATER SURFACE AREA: LONGER SERVICE LIFE, FEWER CHANGE OUTS AND REDUCED OPERATING COSTS
- ► 100% THERMALLY BONDED CONSTRUCTION
- ► INTEGRITY TESTED
- ► HIGH STRENGTH DESIGN ALLOWING FOR EXTENDED USE AND MULTI AUTOCLAVE AND HOT WATER SANITIZATION CYCLES
- **▶** 316 SS REINFORCED END TREATMENTS
- ► ALL MATERIALS OF CONSTRUCTION ARE FDA COMPLIANT WITH CFR TITLE 21 AND ARE BIO-SAFE IN ACCORDANCE WITH USP CLASS VI
- ► VALIDATION GUIDE AVAILABLE ON REQUEST



ORDER GUIDE





ORDER OPTIONS

ORDER OPTIONS	
CARTRIDGE	
MPE PRMXE	Mem-Pleat E (2.55") Pur-MAXX E (2.7")
MICRON RATINGS	
0.2	
CARTRIDGE LENGTH	
5, 10, 20, 30, 40	
PLEAT SUPPORT	
PP	Polypropylene
END CAP CONFIGURATIONS	
C3 C6 C7 C8	Flat/222 Flat/226 Fin/226 Fin/222
GASKET/O-RING MATERIAL	
S B V E	Silicone Buna N Fluorocarbon EPDM
CONFIGURATION	
- 452 101 201	0.2/0.2 0.45/.02 0.1/0.1 0.2/0.1
CARTRIDGE GRADE	
SG	Sterilizing Grade
OPTIONS	
GI	Gamma Irradiation