## Mem-PLEAT SG & Pur-MAXX SG

Sterilizing Grade Pleated Polyethersulfone Membrane

► DIAGNOSTICS ► CELL CULTURE ► LARGE VOLUME PARENTERALS PURIFICATION

► BUFFER SOLUTIONS ► FINAL FILTRATION **OF WFI AND CIP WATER** ► VACCINES

**ORDER GUIDE** 

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 10<sup>7</sup> CFU/cm<sup>2</sup> (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 hydrophilic 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 CFRTitle 21 and USP Biological Reactivity for Class VI Plastics. By combining these ultra pure components with the low protein binding features of highly asymmetric hydrophilic polyethersulfone membrane makes them perfect for applications in the biopharmaceutical and bottled water industries.

- ► VALIDATED 0.2 µm ABSOLUTE RATED MEMBRANE CONFIGURATION
- ► 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

## **NEED A VESSEL FOR YOUR CARTRIDGES?**

For the Mem-Pleat SG and Pur-MAXX SG, the following vessel types are most commonly used: SRCT-PAGE 126

As always, discuss your options with your local sales representative to find the best fit for your application.

| Innu   |   |
|--------|---|
| RHH    |   |
| IIIIII |   |
| KIIII  |   |
| RUIN   |   |
| RUIN   |   |
| Runn   |   |
| THUR   |   |
| HEILI  |   |
| TRANT  | 1 |
| TEALD  | 2 |
|        |   |

| PRMXE  | CARTRIDGE<br>LENGTH  | PP C3  |   | SG<br>CARTRIDGE<br>GRADE | → MP   | E0.2-20PPC3VSG  |  |
|--|--|--|---|--------------------------|--|---|--|
|  |  |  |   |                          |  | ORDER OPTIONS   |  |
| ABSOLUTE RATED RETENTION   |  |  |   |                          |  | CARTRIDGE   |  |
| 0.2  |  |  |   |                          |  | CARTADOL  |  |
| MAXIMUM DIFFERENTIAL PR  | ESSURE   |  |   |                          |  |   |  |
| Forward:<br>75 psid (5.1 bar) @ 75°F (24°C)<br>40 psid (2.8 bar) @ 180°F (82°C)  | .)   | Reverse:<br>50 psid (3.4 bar) @ 75°F (24°C)  |   |                          | MPE<br>PRMXE   | Mem-Pleat E (2.55")<br>Pur-MAXX E (2.7")  |  |
| MAXIMUM OPERATING TEMP   | ERATURE  |  |   |                          |  |   |  |
| 180°F (82°C) Continuous Duty   | Polypropylene  |  |   |                          |  |   |  |
| ΤΟΧΙΟΙΤΥ   |  |  |   |                          |  | MICRON RATINGS  |  |
| Cartridge materials meet USF   | Class VI and CFR 21 for food and beve  | erage contact  |   |                          |  |   |  |
| STERII IZATION   |  | • · · · · · · · · · · · · · · · · · · ·  |   |                          |  |   |  |
| Cartridge can be sterilized at   | steam or Autoclavor 30 times at 375  | °E (135°f)   |   |                          |  | 0.2   |  |
| Cartridge may be sanitized in  | place with common sanitizing agent   | s, contact factory for chemical compatib   | ility   |                          |  |   |  |
| PACKAGING ECONOMY  |  |  |   |                          |  |   |  |
| Bulk packaging in case quantities  | to reduce material disposal:   |  |   |                          |  | CARTRIDGE LENGTH  |  |
| 5 inch - 48 per carton   10 inc  | h - 24 per carton   20 inch - 12 per ca  | arton   30 inch - 12 per carton   40 inch  | - 9 per carton  |                          |  |   |  |
| FILTER MEDIA   | END CAPS/ CAGE/CORE  | PLEAT SUPPORT MATERIAL   | REINFORCING RING  |                          |  |   |  |
| Polyethersulfone   | Polypropylene  | Polypropylene  | 316 Stainless Steel   |                          |  | 5 40 20 20 40   |  |
| SEALS  |  | CONSTRUCTION METHOD  |   |                          |  | 5, 10, 20, 30, 40   |  |
| Buna N   Fluorocarbon   EPDM   Silicone Thermal Bond   |  |  |   |                          |  |   |  |
|  |  | APPROXIMATE SURFACE AREA   |   |                          |  |   |  |
|  |  |  | 1   |                          |  |   |  |
| MPESG: 2.55" (6.48cm)   PR/  | NXESG: 2.7″ (6.87cm)   | 6.5 square feet per 10" equiva   | lent  | -                        |  | PLEAT SUPPORT   |  |
| MPESG: 2.55" (6.48cm)   PRI<br>LENGTHS<br>5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE  | IXESG: 2.7" (6.87cm)<br>(12.7 cm)   10 inch (25.4 cm)   20 in<br>BUBBLE POINT  | 6.5 square feet per 10" equiva<br>nch (50.8 cm)   30 inch (76.2 cm)   40 i<br>TEST PRESSURE  | ilent<br>inch (102 cm)<br>AIR DIFFUSION   |                          | РР   | PLEAT SUPPORT   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>INTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG  | IXESG: 2.7" (6.87cm)<br>(12.7 cm)   10 inch (25.4 cm)   20 in<br>BUBBLE POINT<br>50 psig   | 6.5 square feet per 10" equival           nch (50.8 cm)   30 inch (76.2 cm)   40 i           TEST PRESSURE           40 psig   | AIR DIFFUSION   |                          | PP   | PLEAT SUPPORT   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS   | IXESG: 2.7" (6.87cm)<br>(12.7 cm)   10 inch (25.4 cm)   20 in<br>BUBBLE POINT<br>50 psig<br>FOR PLASTICS   | 6.5 square feet per 10" equival           nch (50.8 cm)   30 inch (76.2 cm)   40 i           TEST PRESSURE           40 psig   | silent<br>inch (102 cm)<br>AIR DIFFUSION<br>≤16mL/min   |                          | PP<br>E  | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from  | IXESG: 2.7" (6.87cm)<br>(12.7 cm)   10 inch (25.4 cm)   20 in<br>BUBBLE POINT<br>50 psig<br>FOR PLASTICS<br>n multiple lots of cartridges were test  | 6.5 square feet per 10" equivalence         nch (50.8 cm)   30 inch (76.2 cm)   40 i         TEST PRESSURE         40 psig         ted and shown to have values that complete  | Ilent Inch (102 cm) AIR DIFFUSION ≤16mL/min Iy with USP limits  |                          | PP<br>E  | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>INTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST   | IXESG: 2.7" (6.87cm)<br>(12.7 cm)   10 inch (25.4 cm)   20 in<br>BUBBLE POINT<br>50 psig<br>FOR PLASTICS<br>In multiple lots of cartridges were test<br>RESULTS  | Image: constraint of the second se                    | x<br>Ilent<br>inch (102 cm)<br>AIR DIFFUSION<br>≤16mL/min<br>Iy with USP limits   |                          | PP<br>E<br>C3  | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue  | IXESG: 2.7" (6.87cm) (12.7 cm)   10 inch (25.4 cm)   20 in BUBBLE POINT BUBBLE POINT FOR PLASTICS IN multiple lots of cartridges were test RESULTS   | ted and shown to have values that compl<br>USP LIMIT<br><15mg  | Ilent Inch (102 cm) AIR DIFFUSION Signal ≤16mL/min Ily with USP limits  |                          | PP<br>E<br>C3<br>C6<br>C7  | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/226   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts fron<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition   | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         In multiple lots of cartridges were test         RESULTS         < 2mg   | Image: constraint of the second se                    | Ilent Inch (102 cm) AIR DIFFUSION Signal Si |                          | PP<br>C3<br>C6<br>C7<br>C8   | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/226 Fin/222   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity   | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | ted and shown to have values that compl<br>USP LIMIT<br><pre></pre>  | Ilent Inch (102 cm) AIR DIFFUSION Signal ≤16mL/min Iy with USP limits   |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8  | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/222 Fin/222   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS S inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS  | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | ted and shown to have values that compl<br>Shows a state of the state of | Ilent Inch (102 cm) AIR DIFFUSION Signal ≤16mL/min Iy with USP limits   |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8  | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/222 ASKET/O-RING MATERIAL   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS  | IXESG: 2.7" (6.87cm)         (12.7 cm)       10 inch (25.4 cm)       20 in         (12.7 cm)       10 inch (25.4 cm)       20 in         BUBBLE POINT       50 psig       50 psig         FOR PLASTICS       multiple lots of cartridges were test         nultiple lots of cartridges were test       RESULTS         <2mg  | Image: constraint of the second se                    | Ilent Inch (102 cm) AIR DIFFUSION AIR DIFFUSION SINTES  |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8<br>G                                     | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/222 ASKET/O-RING MATERIAL   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS S inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts fron<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS  | IXESG: 2.7" (6.87cm)         (12.7 cm)       10 inch (25.4 cm)       20 in         Image: State of the state of | ted and shown to have values that compl<br>USP LIMIT<br>(1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2   | lent Inch (102 cm) AIR DIFFUSION ≤16mL/min Iv with USP limits USP limits USP limits   |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8<br>G                                     | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/226 Fin/226 ASKET/O-RING MATERIAL   |  |
| MPESG: 2.55" (6.48cm)   PR/         LENGTHS         S inch         NTEGRITY TEST VALUES         PORE SIZE         0.2-5G         JSP PHYSIOCHEMICAL TESTS         Ultrapure water extracts from         TEST         Non volatile residue         Heavy Metals         Residue on Ignition         Buffering Capacity         PERFORMANCE CHARACTERIS         3.0         S         2.5  | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | ted and shown to have values that compl<br>USP LIMIT<br>Complete the state of the st  | Ilent Inch (102 cm) AIR DIFFUSION ≤16mL/min IV with USP limits  |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8<br>G<br>G<br>S<br>B                      | PLEAT SUPPORT         Polypropylene         ND CAP CONFIGURATIONS         Flat/222         Flat/226         Fin/226         Fin/227   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS Sinch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0  | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | Image: constraint of the second se                    | Ilent Inch (102 cm) AIR DIFFUSION <ir> AIR DIFFUSION ≤16mL/min Iy with USP limits</ir>  |                          | PP<br>C3<br>C6<br>C7<br>C8<br>G<br>G<br>S<br>B<br>V<br>E                 | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/226 Fin/222 ASKET/O-RING MATERIAL Silicone Buna N Fluorocarbon EPDM   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS S inch<br>INTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0<br>2.0<br>2.5  | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         nmultiple lots of cartridges were test         RESULTS         <2mg  | ted and shown to have values that compl<br>Comparison of the shown to have values that compl<br>USP LIMIT Comparison of the shown to have values that complexity of the shown to have values             | lent Inch (102 cm) AIR DIFFUSION Signal Si  |                          | PP<br>C3<br>C6<br>C7<br>C8<br>G<br>S<br>B<br>V<br>E                      | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/222 ASKET/O-RING MATERIAL Silicone Buna N FLuorocarbon EPDM   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS Sinch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0<br>2.0<br>2.5  | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | Image: Construct of the second sec                                  | lent  Inch (102 cm)  AIR DIFFUSION  ≤16mL/min  ly with USP limits   |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8<br>G<br>S<br>B<br>V<br>E                 | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/226 Fin/226 Silicone Buna N Fluorocarbon EPDM   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS 5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0<br>1.5<br>1.0   | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | Image: Construct of the second sec                                  | lent<br>inch (102 cm)<br>AIR DIFFUSION<br>≤16mL/min<br>ly with USP limits<br>   |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8<br>G<br>S<br>B<br>V<br>E                 | PLEAT SUPPORT         Polypropylene         ND CAP CONFIGURATIONS         Flat/222         Flat/226         Fin/226         Fin/227         ASKET / O-RING MATERIAL         Silicone         Buna N         Fluorocarbon         EPDM         CARTRIDGE GRADE           |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS S inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0<br>3.0<br>3.0<br>3.0<br>3.0<br>3.0<br>3.0<br>3.0<br>3.0<br>3.0<br>3   | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         <2mg   | Image: Construction of the second                                   | lent<br>inch (102 cm)<br>AIR DIFFUSION<br>≤16mL/min<br>ly with USP limits<br>   |                          | PP<br><b>E</b><br>C3<br>C6<br>C7<br>C8<br><b>G</b><br><b>G</b><br>V<br>E | PLEAT SUPPORT         Polypropylene         ND CAP CONFIGURATIONS         Flat/222         Flat/226         Fin/222         ASKET / O-RING MATERIAL         Silicone         Buna N         Fluorocarbon         EPDM   |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS<br>Sinch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0<br>3.0<br>2.5<br>2.0<br>3.0<br>0.5<br>0   | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg  | An inclusion of the prime of the prima of the prima of the prime of the prime of the prime                                   | lent  Inch (102 cm)  AIR DIFFUSION  ≤16mL/min  ly with USP limits   |                          | PP<br>C3<br>C6<br>C7<br>C8<br>G<br>S<br>B<br>V<br>E                      | PLEAT SUPPORT Polypropylene ND CAP CONFIGURATIONS Flat/222 Flat/226 Fin/222 ASKET/O-RING MATERIAL Silicone Buna N FLUOPOCARDON EPDM CARTRIDGE GRADE   |  |
| MPESG: 2.35" (6.48cm)   PR/         LENGTHS         Sinch         NTEGRITY TEST VALUES         PORE SIZE         0.2-5G         USP PHYSIOCHEMICAL TESTS         Ultrapure water extracts from         TEST         Non volatile residue         Heavy Metals         Residue on Ignition         Buffering Capacity         PERFORMANCE CHARACTERIS         3.0         2.5         2.0         1.5         1.0         0.5         0 | IXESG: 2.7" (6.87cm)         (12.7 cm)       10 inch (25.4 cm)       20 in         BUBBLE POINT       50 psig         FOR PLASTICS       nultiple lots of cartridges were test         NUMUTIPLE lots of cartridges were test       RESULTS         <2mg   | Image: Construct of the second sec                                  | x second secon  |                          | PP   | PLEAT SUPPORT         Polypropylene         ND CAP CONFIGURATIONS         Flat/222         Flat/226         Fin/222         ASKET / O-RING MATERIAL         Silicone         Buna N         Fluorocarbon         EPDM         CARTRIDGE GRADE         Sterilizing Grade |  |
| MPESG: 2.55" (6.48cm)   PR/<br>LENGTHS<br>5 inch<br>NTEGRITY TEST VALUES<br>PORE SIZE<br>0.2-SG<br>USP PHYSIOCHEMICAL TESTS<br>Ultrapure water extracts from<br>TEST<br>Non volatile residue<br>Heavy Metals<br>Residue on Ignition<br>Buffering Capacity<br>PERFORMANCE CHARACTERIS<br>3.0<br>2.5<br>2.0<br>1.5<br>1.0<br>0.5<br>0 •••••••••••••••••  | IXESG: 2.7" (6.87cm)         (12.7 cm)   10 inch (25.4 cm)   20 in         BUBBLE POINT         BUBBLE POINT         50 psig         FOR PLASTICS         multiple lots of cartridges were test         RESULTS         <2mg   | An inclusion of control                                   | x second secon  |                          | PP<br>E<br>C3<br>C6<br>C7<br>C8<br>G<br>G<br>S<br>B<br>V<br>E<br>SG      | PLEAT SUPPORT         Polypropylene         ND CAP CONFIGURATIONS         Flat/222         Flat/226         Fin/226         Fin/227         ASKET / O-RING MATERIAL         Silicone         Buna N         Fluorocarbon         EPDM         Sterilizing Grade         |  |