

SPECIAL PLEAT

Optimized Pleat Geometry Membrane

Strainrite's **Optimized Pleat Geometry Membrane Cartridges** were developed for the filtration of process fluids that require a high degree of particle retention and/or constant bacterial barrier for effective sterilization.

Hydrophilic asymmetric membrane ensures excellent flow rates, broad chemical compatibility, low protein binding, low extractability, high mechanical strength, and temperature resistance in a variety of applications for the biopharmaceutical, microelectronics, chemical, food and beverage industries.

These cartridges meet USP Biological Reactivity Test, *in vivo* for class VI-121°C plastics when Pharmaceutical grade is selected. Sterilizable using industry recognized and accepted methods.[†]

- OPTIMIZED PLEAT GEOMETRY MAXIMIZES SURFACE AREA AND OFFERS EXCELLENT LIFE AND FLUX RATES, WHILE PROVIDING ABSOLUTE-RATED FILTRATION
- LOW PRESSURE DROPS YIELD HIGHER FLOW RATES AND REDUCED PROCESSING TIME
- HIGH STRENGTH DESIGN ALLOWING FOR EXTENDED USE AND MULTI-AUTOCLOVE CYCLES
- NON FIBER-SHEDDING SUPPORT MATERIALS ELIMINATE FIBER MIGRATION
- PLEAT DESIGN FOR GREATER SURFACE AREA, ENSURING LONGER SERVICE LIFE, FEWER CHANGE OUTS AND REDUCED OPERATING COSTS PER ELEMENT

STRAINRITE'S SPECIAL-PLEAT TECHNOLOGY PROVIDES MORE SURFACE AREA AND IMPROVED FILTRATION PERFORMANCE.

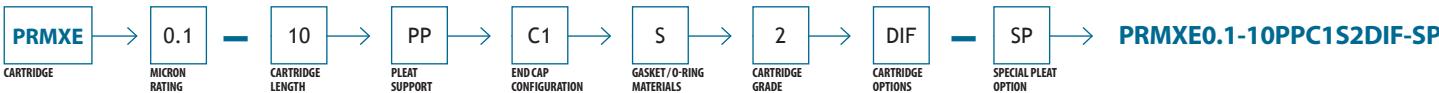
STRAINRITE'S SPECIAL-PLEAT TECHNOLOGY IS AVAILABLE FOR THE FOLLOWING CARTRIDGES:

- PUR-MAXX E (POLYETHERSULFONE MEMBRANE)
- PUR-MAXX S (POLYSULFONE MEMBRANE)
- PUR-MAXX N (NYLON MEMBRANE)
- PUR-MAXX CN (CHARGED NYLON MEMBRANE)
- PUR-MAXX T (PTFE MEMBRANE)
- PUR-MAXX C (CELLULOSE ACETATE MEMBRANE)
- POLY-MAXX (ABSOLUTE-RATED POLYPROPYLENE DEPTH)
- POLY-MAXX G (NOMINALLY RATED POLYPROPYLENE DEPTH)
- FIBER-MAXX (ABSOLUTE-RATED MICROGLASS DEPTH)
- FIBER-MAXX G (NOMINALLY RATED MICROGLASS DEPTH)



[†]316 Stainless Insert (I) Option is recommended for autoclaving, SIP, or any method involving thermal cycling

ORDER GUIDE



ORDER OPTIONS

CARTRIDGE	
PRMXE	Pur-MAXX E (2.7")
PRMXX	Pur-MAXX S (2.7")
PRMXN	Pur-MAXX N (2.7")
PRMCN	Pur-MAXX CN (2.7")
PRMXT	Pur-MAXX T (2.7")
PRMXC	Pur-MAXX C (2.7")
PMX	Poly-MAXX (2.7")
PMXG	Poly-MAXX G (2.7")
FMX	Fiber-MAXX (2.7")
FMXG	Fiber-MAXX G (2.7")
MICRON RATINGS	
PRMXE:	0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2
PRMXX:	0.03, 0.05, 0.1, 0.2, 0.45, 0.65
PRMXN:	0.1, 0.2, 0.45, 0.65, 0.8, 1.2
PRMCN:	0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2
PRMXT:	0.1, 0.2
PRMXC:	0.1, 0.2, 0.45, 0.65, 0.8, 1.2
PMX:	1, 1.5, 2.5, 5, 10, 15, 20, 40, 70
PMXG:	0.25, 0.5, 1, 2.5, 5, 8, 12, 20, 30, 50
*FMX:	0.8, 0.9, 1, 2, 3, 5, 10, 15
FMXG:	0.2, 0.45, 0.65, 1, 5, 10
CARTRIDGE LENGTH	
5, 10, 20, 30, 40	
PLEAT SUPPORT	
- PP PE	**PRMXX, PRMXT, PMX, PMXG Polypropylene Polyester
END CAP CONFIGURATIONS	
C1	Double Open Ends
C2	213/Recessed Cup
C3	Flat/222
C4	Single Open End/Flat
C5	Recessed Cup/222
C6	Flat/226
C7	Fin/226
C8	Fin/222
GASKET / O-RING MATERIAL	
S	Silicone
B	Buna N
V	Fluorocarbon
E	EPDM
TF	PTFE Foam
TH	PTFE Hard
TV	Encapsulated Fluorocarbon
TS	Encapsulated Silicone
CARTRIDGE GRADE	
- 1 2 5	General FDA Grade (not available in PRMXT) Pharmaceutical (not available in PRMXX) Water (not available in PRMXT, PRMXC, PMX, PMXG, FMX, FMXG)
CARTRIDGE OPTIONS	
I DIF APH	316 SS Insert DI Flush **All Polyester Hardware
SPECIAL PLEAT OPTION	
SP	Special Pleat

^{*}FMX offers FDA grade in the following microns: 0.8, 1, 3, 5, 10

^{**}PRMXX, PRMXT, PMX, PMXG offer polypropylene pleat support only and do not require the inclusion of this code in their order number; All Polyester Hardware not available