MAXX-Cap

Single-Use / Multi-Use Ultrapure Polypropylene Capsules

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **Reliable** non-fiber releasing materials
- **No additives** or glue
- **All materials of construction are FDA compliant** with CFR Title 21
- **Thermally bonded construction** without the use of adhesives or binders, resulting in lower extractables
- **High strength design** allowing for extended use and multi-autoclave cycles



PRODUCT DESCRIPTION

The Strainrite MAXX-Cap capsule is made of ultrapure polypropylene using FDA compliant materials. The MAXX-Cap was designed for single-use and multi-use applications. Strainrite's depth filters and our complete line of membranes can be installed in our proprietary capsule design.

Our proprietary design utilizes an inlet and outlet vent for confident start up and safe efficient processing. Strainrite offers a wide array of materials from the innovative SG to our charged modified CN as well as absolute and nominal media like polypropylene and microglass. Strainrite capsules will also accept our sterile air and vent product line, the Vent Maxx and Vent Rite.

MAXX-Cap is available in sizes from 5" to 40". Strainrite offers the advantages of a capsule with low internal void space, that reduces valuable product loss by reducing your process costs. All Strainrite capsules are adaptable for use with sanitary fittings that can be autoclaved. Strainrite MAXX-Cap capsules may be integrated into existing capsule applications.

Made of 100% polypropylene, Strainrite's capsule design incorporates thermal bonding. Thermal bonding provides an integral fit that requires no glues, binders, surfactants or adhesives. This design ensures low extractable filtrate whenincorporated with our low extractable 100% clean room manufactured cartridges.

STERILIZATION
Autoclave: May be autoclaved 3 times for 60 min-

PRODUCTION PROCESS
Thermal Bond

OUTSIDE DIAMETER
3.5" (8.89cm)

CARTRIDGE
Polypropylene

MAXIMUM DIFFERENTIAL PRESSURE
70 psi @ 70°F (21.1°C)

CAPSULE HARDWARE
Polypropylene

MAXIMUM OPERATING TEMPERATURE
180°F (82°C) Continuous Duty Polypropylene

PLEAT SUPPORT MATERIAL
Polypropylene
Polyester

MEMBRANE MEDIA
Polyethersulfone
Polysulfone
Nylon

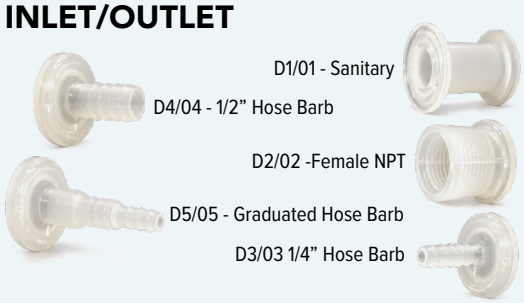
PLEATED DEPTH MEDIA
Borosilicate Microglass
Polypropylene Microfiber

TOXICITY
Cartridge materials meet USP Class VI and FDA 21 CFR Part 177 for food and beverage contact

CAGE/CORE END CAPS
Polypropylene *Polypropylene*

SEALS
CARTRIDGE - Buna N | Fluorocarbon | EPDM | Silicone
CAPSULE - Buna N | Fluorocarbon | EPDM | Silicone

INLET/OUTLET



PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - Individually Boxed - 6 case / 9 case quantity
10 inch - Individually Boxed - 6 case / 12 case quantity
20 inch - Individually Boxed - 6 case quantity
30 inch - Individually Boxed - 6 case quantity
40 inch - Individually Boxed

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)

SPECIFICATIONS

SCAN FOR MORE INFO

CARTRIDGE STYLE	MICRON RATING	CARTRIDGE GRADE					
		- General	1 FDA Grade	2 Pharma.	5 Water Grade	SG Sterilizing	E Electronics
PRMXE (Pur-MAXX E)	0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2		X	X	X		
PRMXS (Pur-MAXX S)	0.03, 0.05, 0.10, 0.2, 0.45, 0.65	X	X		X		
PRMXN (Pur-MAXX N)	0.1, 0.2, 0.45, 0.65, 0.8, 1.2	X	X	X	X		
PRMXCN (Pur-MAXX CN)	0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2	X	X	X	X		
PRMXT (Pur-MAXX T)	0.1, 0.2	X		X			
PRMXCN (Pur-MAXX C)	0.1, 0.2, 0.45, 0.65, 0.8, 1.2	X	X	X			
DMX (Duo-MAXX)	*Many options available; please contact customer service or inquire with a sales representative to learn more*						
PMX (Poly-MAXX)	1, 1.5, 2.5, 5, 10, 15, 20, 40, 70	X	X	X			
PMXG (Poly-MAXX G)	0.25, 0.5, 1, 2.5, 5, 8, 12, 20, 30, 50	X	X	X			
SPMX (Poly-MAXX Select)	1, 1.5, 3, 5, 10, 15, 20, 40, 70, 90	X	X	X			
FMX (Fiber-MAXX)	0.8, 0.9*, 1, 2*, 3, 5, 10, 15* *Not Available in FDA Grade	X	X	X			
FMXG (Fiber-MAXX G)	0.2, 0.45, 0.65, 1, 5, 10	X	X	X			
CPP (Continuous Pleat)	0.2, 0.5, 1, 2.5, 5, 10, 15, 20, 40, 70	X			X		
HSLP (Continuous High Solids Loading)	1, 2.5, 5, 10, 15, 20, 25, 35, 70, 90, 120	X	X				

CARTRIDGE STYLE	MICRON RATING	CARTRIDGE GRADE					
		- General	1 FDA Grade	2 Pharma.	5 Water Grade	SG Sterilizing	E Electronics
CFP (Continuous Fiber Pleat)	0.25, 0.45, 0.65, 1, 5, 10	X	X				
BVM (Bev-MAXX)	0.2, 0.45, 0.65	X					
BVR (Bev-Rite)	0.2, 0.45, 0.65, 0.8	X					
GR (Guard-Rite)	561, 562, 563, 568		X				
VNXE (Vino-MAXX E)	0.45, 0.65	X					
TR (Trap-Rite)	1, 5, 10	X	X				
PRMXE (Pur-MAXX E SG)	202, 452* *202, 452 represent 0.2/0.2 and 0.45/0.2 configuration, respectively					X	
EDXCN (Endo-MAXX CN)	0.1, 0.2	X					
IKP (Ink Jet IKP)	0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90	X					
IKS (Ink Jet Select)	0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90	X					
IKG (Ink Jet IKG)	0.5, 1, 3, 6, 10, 20, 40	X					
PESE (PES-E)	50, 100, 200, 450, 650, 800, 1200 Nanometer ratings						X
VM (Vent-MAXX)	-			X			
VR (Vent-Rite)	-			X			

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ORDER OPTIONS

CARTRIDGE	LENGTHS	INLET OPTIONS	OUTLET OPTIONS	STYLE	RATINGS	GASKET/O-RING	CARTRIDGE OPTIONS	CONFIGUTRATIONS
MC = MAXX-Cap Capsule	5" 10" 20" 30" 40"	**D1** = 1", 1.5"Sanitary **D2** = 0.5" Female NPT **D3** = 0.25" Hose Barb **D4** = 0.5" Hose Barb **D5** = Grad. Hose Barb	**O1** = 1", 1.5"Sanitary **O2** = 0.5" Female NPT **O3** = 0.25" Hose Barb **O4** = 0.5" Hose Barb **O5** = Grad. Hose Barb	SEE CHART ABOVE	SEE CHART ABOVE	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM	**GI** = Gamma Irradiation *Available only for Pur-MAXX E SG	-- = 0.2/0.2 **452** = 0.45/.02 **101** = 0.1/0.1 **201** = 0.2/0.1 **Available only for Pur-MAXX E SG

MC	–	P	5	D1	O1	PMX	1	2	E	MC-P5D1O1PMX12E
		CAPSULE CONSTRUCTION	LENGTH	INLET OPTIONS	OUTLET OPTIONS	CARTRIDGE STYLE	MICRON RATING	CARTRIDGE GRADE	GASKET/ORING	