MAXX-Cap

Single-Use / Multi-Use Ultrapure Polypropylene Capsules

- ULTRAPURE CHEMICAL
- BIO-PHARMACEUTICAL
- HIGH VALUE PRODUCTS
- BIO-TECHNOLOGY
- OPHTHALMICS
- FOOD AND BEVERAGE PROCESSING INKS

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.

D1/01 - Sanitary

D2/02- 1/2" Female NPT

D3/03 - 1/4" Hose Barb

D4/04 - 1/2" Hose Barb

D5/05 - Graduated Hose Barb

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 when incorporated with our low extractable 100% clean room manufactured cartridges.

- 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

ORDER GUIDE

MC	P	5	D1	O1	PMX	1	2	E	MCP5D1O1PMX12E
	CAPSULE CONSTRUCTION	NOMINAL LENGTHI	INLET DESIGN	OUTLET DESIGN	CARTRIDGE STYLE	MICRON RATING	CARTRIDGE GUIDE	CARTRIDGE O-RING	

MAXIMUM PRESSURE	
70 psi @ 70°F (21.1°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	
Autoclave: May be autoclaved 3 times for 60 minutes. Not in line steam sterilizable.	
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	

MEMBRANE MEDIA	PLEATED DEPTH MEDIA	PLEAT SUPPORT MATERIAL	CAPSULE HARDWARE
Polyethersulfone Polysulfone Nylon	Borosilicate Microglass Polypropylene Microfiber	Polypropylene Polyester	Polypropylene

END CAPS	CARTRIDGE SEALS
Polypropylene	Buna N | Fluorocarbon | EPDM | Silicone

CAGE/CORE	CAPSULE VENT SEALS
Polypropylene	Buna N | Fluorocarbon | EPDM | Silicone

OUTSIDE DIAMETER	CONSTRUCTION METHOD
3.5" (8.89cm)	Thermal Bond

NOMINAL 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)

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				
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)	0.2					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			

ORDER OPTIONS

CAPSULE

MC	MAXX-Cap

NOMINAL LENGTHS

5, 10, 20, 30, 40

INLET DESIGN

D1	1", 1.5" sanitary
D2	0.5" female NPT
D3	0.25" hose barb
D4	0.5" hose barb
D5	grad. hose barb

OUTLET DESIGN

O1	1", 1.5" sanitary
O2	0.5" female NPT
O3	0.25" hose barb
O4	0.5" hose barb
O5	grad. hose barb

CARTRIDGE STYLE
MICRON RATING
CARTRIDGE GUIDE

See Inset Chart
For Available Options

CARTRIDGE O-RING

S	Silicone
B	Buna N
V	Fluorocarbon
E	EPDM

GI	Gamma Irradiation*

*Available only for Pur-Maxx E SG