Ophthalmics

- High Value Products
- Food & Beverage Processing Ink
- Bio-technology

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. 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.



Features & Benefits

MAXX-Cap

- 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

Inlet/Outlet Designs



D2/O2- 0.5" Female NPT







Specifications

Absolute Rated Retention

CPP: 0.2, 0.5, 1.0, 2.5, 5.0, 10.0, 15.0, 20.0, 40.0, 70.0 **MPE:** 0.04, 0.10, 0.20, 0.45, 0.65, 0.80, 1.20 **PP:** 1.0, 1.5, 2.5, 5.0, 10.0, 15.0, 20.0, 40.0, 70.0 **PPG:** 0.25, 0.50, 1.0, 2.5, 5.0, 8.0, 12.0, 20.0, 30.0, 50.0

GP: 0.8, 0.9, 1.0, 2.0, 3.0, 5.0, 10.0, 15.0

Maximum Differential Pressure

Forward: 75 psid (5.1 bar) @ 75°F (24°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

Materials of Construction

Membrane Media

Polyethersulfone Capsule Hardware
Polysulfone Polypropylene

End Caps

Polypropylene

Nylon

Pleated Depth Media

Borosilicate Microglass Polypropylene Microfiber

propylene Microfiber Cage/Core
Polypropylene

Pleat Support Material

Polypropylene Polyester

Cartridge Seals

Buna N Fluorocarbon EPDM Silicone

FEP Encapsulated Fluorocarbon FEP Encapsulated Silicone

Sealing

Thermal Bond

Capsule Vent Seals

Buna N Fluorocarbon EPDM Silicone

Perfluorocarbon (K) available on request

Dimensions

MAXX-Cap

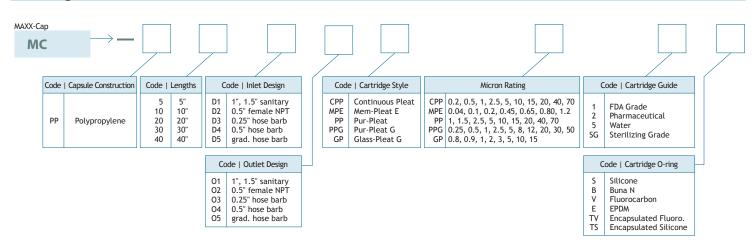
Outside Diameter

3.5" (6.87cm) 5" (12.7cm) 10" (25.4cm)

20" (50.8cm) 30" (76.2cm) 40" (102cm)

Lengths

Ordering Information



www.strainrite.com | 800-487-3136 Rev. 01.2017