BRPA - Brevi-Cap Poly-MAXX

Single-Use Pleated Polypropylene Microfiber Prefiltration Capsules

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **Absolute-rated prefiltration:** Melt-blown polypropylene microfiber media in a pleated capsule format.
- **Gel removal and downstream protection:** Designed for prefiltration duties ahead of subsequent filtration stages.
- **Broad rating selection:** Nine absolute micron ratings from 1 to 70 µm.
- **Polypropylene construction:** Polypropylene filter medium, support layers, and filter hardware.



PRODUCT DESCRIPTION

The Strainrite Brevi-Cap Poly-MAXX capsule uses absolute-rated, melt-blown polypropylene microfiber media for prefiltration, bioburden reduction, and gel removal. BRPA is designed to protect downstream filters in upstream and downstream pharmaceutical and biopharmaceutical processing.

Nine absolute micron ratings from 1 to 70 µm provide options for selecting a prefiltration stage to suit the application. Intended fluids include parenterals, biopharmaceuticals, ophthalmics, active pharmaceutical ingredients, biologicals, therapeutics, ultrapure chemicals, buffers, water, and nutraceuticals. Polypropylene support layers and hardware complement the polypropylene filter medium.

Available in two sizes, the single-use capsule offers low fill and hold-up volumes for compact process systems and benchtop studies. Sanitary and hose-barb connections support system integration, and valved vent and drain ports are provided. BRPA capsules are autoclavable and gamma irradiatable, with optional DI flushing and a Certificate of Quality; gamma-irradiated availability should be confirmed with Strainrite.

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DESIGNED FOR
Prefiltration and bioburden reduction of parenterals, biopharmaceuticals, ophthlamics, APIs, biologicals, therapeutics, ultra-pure chemicals, buffers, water, nutraceuticals. For upstream and downstream processing. Protection of downstream filters. Removal of gels.

FILTER MEDIA
Melt blown polypropylene microfiber – absolute rated

PLEAT SUPPORT MATERIAL
Polypropylene

TOXICITY
FDA 21 CFR; REACH; RoHS; BSE/TSE

FILTER HARDWARE
Polypropylene

CONTRUCTION METHOD
Thermal Bond

ABSOLUTE MICRON RATING
1, 1.5, 2.5, 5, 10, 15, 20, 40, 70 µm

QUALITY
DI flush optional

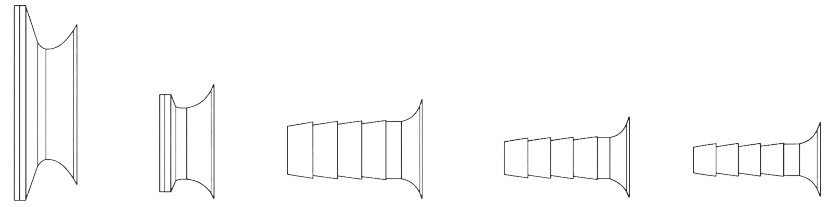
STERILIZATION
Cartridge can be sterilized via steam of Autoclave: 40 times for 60 minutes at 257°F (125°C) and <3PSI Cartridge may be sanitized in place with common sanitizing agents, contact factory for chemical

CAPSULE LENGTHS
A Hosebarb inlet/outlet: 6.0 in (152 mm)
Sanitary flange inlet/outlet: 5.0 in (127 mm)
B Hosebarb inlet/outlet: 7.7 in (196 mm)
Sanitary flange inlet/outlet: 6.6 in (168 mm)
C Hosebarb inlet/outlet: in (mm)
Sanitary flange inlet/outlet: in (mm)

SURFACE AREA
A = 1.05 ft^2 (975 cm^2)
B = 1.91 ft^2 (1,774 cm^2)
C = 2.45 ft^2 (2,276.12 cm^2)

PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch

SPECIFICATIONS



ORDER OPTIONS

CARTRIDGE	LENGTHS	INLET OPTIONS	OUTLET OPTIONS	STYLE	MICRON	GRADE	SEAL	OPTIONS
BCP Brevi-Cap Capsule	**A** See Above **B** See Above **C** See Above	**D1** = 1", 1.5"Sanitary **D3** = 0.25" Hose Barb **D4** = 0.5" Hose Barb **D6** = 0.75", 0.5" sanitary **D7** = 0.375" hose barb **D9** = 0.25" MPT	**O1** = 1", 1.5"Sanitary **O3** = 0.25" Hose Barb **O4** = 0.5" Hose Barb **O6** = 0.75", 0.5" sanitary **O7** = 0.375" hose barb **O9** = 0.25" MPT	**BRPA**	1 µm 1.5 µm 2.5 µm 5 µm 10 µm 15 µm 20 µm 40 µm 70 µm	- Standard Grade **1** FDA Grade **2** Pharmaceutical	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM	**DIF** DIF Flush

BCP	B	D4	O4	BRPA	1	–	2	S		BCPBD4O4BRPA1-2S
	CAPSULE LENGTH	INLET OPTIONS	OUTLET OPTIONS	CARTRIDGE STYLE	MICRON RATING		GRADE	SEAL	CARTRIDGE OPTIONS	