BRGA - Brevi-Cap Fiber-MAXX

Single-Use Pleated Glass Microfiber Prefiltration Capsules

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **Glass microfiber depth filtration:** Absolute-rated microglass media for liquid pre filtration.
- **Downstream filter protection:** Designed for gel removal, prefiltration, and bioburden reduction.
- **Pharmaceutical processing applications:** Intended for upstream and downstream filtration of biopharmaceutical fluids and process liquids.
- **Compact capsule options:** Two sizes with sanitary or hose-barb connections.
- **Quality and preparation:** Autoclavable, with optional DI flushing and a Certificate of Quality.



PRODUCT DESCRIPTION

The Strainrite Brevi-Cap Fiber-MAXX capsule provides glass microfiber depth filtration in a compact, single-use format. BRGA is designed for prefiltration, bioburden reduction, and gel removal to protect downstream filters in pharmaceutical and biopharmaceutical processes.

The capsule combines absolute-rated microglass depth media with polypropylene and polyester support layers and polypropylene filter hardware. The brochure specifies a 1 µm absolute rating for this Brevi-Cap configuration. Intended applications include biopharmaceuticals, ophthalmics, active pharmaceutical ingredients, biologicals, therapeutics, ultrapure chemicals, buffers, water, and nutraceuticals.

Three capsule sizes support integration into benchtop studies and single-use systems. Low fill and hold-up volumes, a choice of sanitary or hose-barb connections, and valved vent and drain ports support practical installation and handling. BRGA capsules are autoclavable and are available with optional DI flushing; a Certificate of Quality is provided.

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SPECIFICATIONS

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

FILTER MEDIA
Absolute rated microglass depth media

PLEAT SUPPORT MATERIAL
Polypropylene & Polyester

TOXICITY
USP Class VI; FDA 21 CFR; REACH; RoHS; BSE/TSE

FILTER HARDWARE
Polypropylene

ABSOLUTE MICRON RATING
1 µm

PRODUCTION PROCESS
Thermal Bond

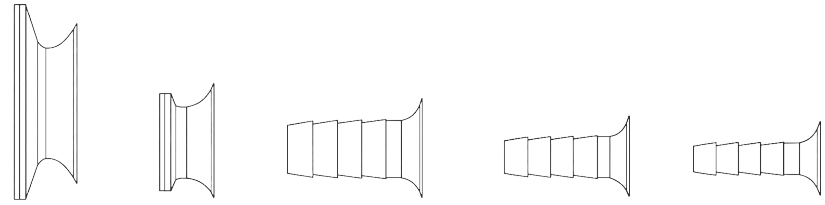
QUALITY
DI flush optional
Certificate of Quality

STERILIZATION
Autoclavable

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 = 0.78 ft² (725 cm²)
B = 1.42 ft² (1,319 cm²)
C = 2.45 ft² (2,276.12 cm²)

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



1" Sanitary | 3/4" Sanitary | 1/2" Hose Barb | 3/8" Hose Barb | 1/4" Hose Barb

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	**BRGA**	1 µm	**2**	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM	**-** none/non-sterile **DIF** DIF Flush

BCP	→ B (CAPSULE LENGTH)	→ D4 (INLET OPTIONS)	→ O4 (OUTLET OPTIONS)	→ BRGA (CARTRIDGE STYLE)	→ 1 (MICRON RATING)	–	→ 2 (GRADE)	→ S (SEAL)	→ (CARTRIDGE OPTIONS)	**BCPBD4O4BRGA1-2S**