Brevi-MAXX

Clarity Compact Pleated Cartridges

Clarity clear solutions

PRODUCT HIGHLIGHTS

- **Clean-room Manufactured** to GMP and ISO9001 Standards
- **FDA Grade Filter Materials** Compliant with CFR, Title 21
- **Pharmeceutical Grade Filter Materials** Compatible with USP Class VI
- **Wide Range of Filter Media**, From Submicron Membrane Filters to Micron Rated Pre-Filtration
- **Integrity Tested**, Sterilizing Grade PES Membrane Filters to Micron Rated Pre-Filtration
- **Charged Nylon** Membrane**,** Endotoxin Reduction Available
- **PTFE Membrane**
- **Vent-MAXX** Available

PRODUCT DESCRIPTION

The smaller size of the Brevi-MAXX helps to reduce hold up and increase yield of valuable products compared to larger sized filters. Pilot plant trials easily scale up from this size to other formats. Utility applications where "drops" are made to various points-of-use might use a Brevi-MAXX filter at each POU. This is also a nice compact size for OEM equipment. Depending on the specifics of the application, this size filter might typically be used for liquid flow rates <2 lpm, compressed air flow rates of <25 SCFM or for tank venting at flow rates of <10 CFM. These filters also retrofit many competitors' smaller housings, reduce product hold up and increase yields.

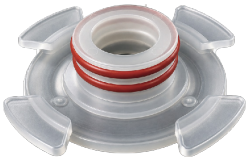




C12 (116 flat O-ring)



CSC (Seal Clean)



C13 (118 flat O-ring with locking tabs)



C28 (123 flat O-ring with locking tabs)

MICRON RATINGS
0.5, 1, 3, 6, 10, 20, 40 µm

CONTRUCTION METHOD
Thermal Bond

OUTSIDE DIAMETER (CAPSULE)
2.25 inch (57 mm)

MAXIMUM DIFFERENTIAL PRESSURE
Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)
Reverse: 50 psid (3.4 bar) @ 75°F (24°C)

MAXIMUM OPERATING TEMPERATURE
180°F (82°C) Continuous Duty
220°F (104°C) Continuous Duty

FILTER MEDIA
SEE CHART BELOW

CAGE/CORE/CAPS
Polypropylene

APPROX SURFACE AREA
2""(A) - BRE, BRS, BRN, BRCN, BRT = 1.28 sq. ft.
2""(A) - BRE-SG (sterilizing grade) = 1.02 sq. ft.
2""(A) - BRVM = 0.95 sq. ft.
2""(A) - BRVR = 1.25 sq. ft.
2""(A) - BRPA, BRPG = 1.05 sq. ft
2""(A) - BRGA, BRGG = 0.78 sq. ft.
4""(B) - BRE, BRS, BRN, BRCN, BRT = 2.32 sq. ft.
4""(B) - BRE-SG (sterilizing grade) = 1.86 sq. ft.
4""(B) - BRVM = 1.6 sq. ft.
4""(B) - BRVR = 2.23 sq. ft.
4""(B) - BRPA, BRPG = 1.91 sq .f t.
4""(B) - BRGA, BRGG = 1.42 sq .f t.
5""(C) - BRE, BRS, BRN, BRCN, BRT = 2.45 sq. ft.
5""(C) - BRE-SG (sterilizing grade) = 2.45 sq. ft.
5""(C) - BRVM = 2.2 sq .ft.
5""(C) - BRVR = 2.9 sq .ft.
5""(C) - BRPA, BRPG = 2.38 sq. ft. (.221 sq. m)

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

STERILIZATION [SEE SPECIFIC DATA SHEETS, REFERENCE ONLY]
Cartridge can be sterilized via steam of Autoclave: 20 times at 275°F (135°C) Cartridge may be sanitized in place with common sanitizing agents, contact factory for chemical compatibility. See Data Sheets.

SEALS
Buna N | Fluorocarbon | EPDM | Silicone

PLEAT SUPPORT MATERIAL
Polypropylene

PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal: A (2 inch - 6 per carton) B (4 inch - 6 per carton) C (5 inch - 6 per carton)

LENGTHS
A = 2 inch (5.1 cm) B = 4 inch (10.2 cm) C = 5 inch (12.7 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

FILTER MEDIA STYLE	FILTER MEDIA MICRON RATING	FILTER MEDIA CARTRIDGE GRADE			
		General	1FDA	PHARMA	SG
Polyethersulfone Membrane (BRE)	0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2	X	X	X	X
Polysulfone Membrane (BRS)	0.05, 0.1, 0.2, 0.45, 0.65, 1.2	X	X		
6,6 Nylon Membrane (BRN)	0.1, 0.2, 0.45, 0.65, 0.8, 1.2	X	X	X	
Charged Nylon Membrane (BRCN)	0.05, 0.1, 0.2, 0.45,	X	X	X	
PFTE Membrane (BRT)	0.1, 0.2	X		X	
Vent-MAXX Double-Layer PTFE Membrane (BRVM)	*Absolute rated retention 0.2 µm			X	
Vent-Rite PTFE Membrane (BRVR)	*Absolute rated retention 0.2 µm			X	
Absolute-Rated Polypropylene Depth (BRPA)	1, 1.5, 2.5, 5, 10, 15, 20, 40, 70	X	X	X	
Nominally Rated Polypropylene Depth (BRPG)	0.25, 0.5, 1, 2, 5, 8, 12, 20, 50	X	X	X	
Absolute-Rated Microglass Depth (BRGA)	0.8, 0.9, 1, 2, 3, 5, 10, 15	X	X	X	
Nominally Rated Microglass Depth (BRGG)	0.2, 0.45, 0.65, 1, 5, 10	X	X	X	



v 1026

ORDER OPTIONS

CARTRIDGE	MICRON SIZE	LENGTH	ENDCAP CONFIGURATIONS	GASKET/O-RING	CARTRIDGE GRADE	CARTRIDGE OPTIONS
BRE Brevi-MAXX E **BRS** Brevi-MAXX S **BRN** Brevi-MAXX N **BRCN** Brevi-MAXX CN **BRT** Brevi-MAXX T **BRVM** Brevi-MAXX VM **BRVR** Brevi-MAXX VR **BRPA** Brevi-MAXX PA **BRPG** Brevi-MAXX PG **BRGA** Brevi-MAXX GA **BRGG** Brevi-MAXX GG	SEE CHART ABOVE	**A** 2″ **B** 4″ **C** 5″	**C12** 116 Flat O-Ring w/4 locking tabs **C13** 118 Flat O-Ring w/4 locking tabs **C28** 026 Flat O-Ring w/4 locking tabs **CSC** Seal Clean	**S** Silicone **B** Buna N **V** Flourocarbon **E** EPDM	**--** General **1** FDA **2** Pharmaceutical **SG** Sterilizing Grade (BRE-only)	**GI** Gamma Irradiation (BRE-only)

BRE → 0.1 (MICRON RATING) – A (LENGTH) – C12 (END CAP CONFIGURATION) → S (GASKET/ORING) → 2 (CARTRIDGE GRADE) – GI (CARTRIDGE OPTIONS) → **BREO.1-A-C12S2-GI**