

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
- **Pharmaceutical 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

CONSTRUCTION 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

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)

FILTER MEDIA STYLE	FILTER MEDIA MICRON RATING	FILTER MEDIA CARTRIDGE GRADE			
		General	1FDA Grade	PHARMA Grade	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	
PTFE 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	

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ORDER OPTIONS

CARTRIDGE		MICRON SIZE	LENGTH	ENDCAP CONFIGURATIONS		GASKET/O-RING		CARTRIDGE GRADE	CARTRIDGE OPTIONS
BRE	Brevi-MAXX E	SEE CHART ABOVE	A 2"	C12	116 Flat O-Ring w/4 locking tabs	S	Silicone	-- General	GI Gamma Irradiation (BRE-only)
BRS	Brevi-MAXX S		B 4"	C13	118 Flat O-Ring w/4 locking tabs	B	Buna N	1 FDA	
BRN	Brevi-MAXX N		C 5"	C28	026 Flat O-Ring w/4 locking tabs	V	Fluorocarbon	2 Pharmaceutical	
BRCN	Brevi-MAXX CN			CSC	Seal Clean	E	EPDM	SG Sterilizing Grade (BRE-only)	
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								

