BRE - Brevi-MAXX E

Brevi-MAXX Polyethersulfone Membrane Cartridge

Clarity
clear solutions

PRODUCT HIGHLIGHTS

Compact PES membrane filtration with FDA, pharmaceutical, and sterilizing-grade options

- **Polyethersulfone membrane** media
- **Micron Ratings:** 0.04, 0.1, 0.2, 0.45, 0.65, 0.8, and 1.2 µm
- **FDA, pharmaceutical, and sterilizing**-grade configurations
- **Integrity-tested** sterilizing-grade option
- **Gamma-irradiated** cartridge option
- **Compact format** helps minimize hold-up and improve product recovery

PRODUCT DESCRIPTION

The Brevi-MAXX BRE cartridge combines polyethersulfone membrane media with the compact, low-hold-up Brevi-MAXX platform. Available in retention ratings from 0.04 to 1.2 µm, BRE provides a flexible choice for fine liquid filtration in pilot-scale, point-of-use, small-batch, and compact OEM systems.

BRE is the only Brevi-MAXX medium offered in a sterilizing-grade configuration. Integrity-tested sterilizing-grade cartridges are available for processes requiring documented membrane performance, while FDA and pharmaceutical-grade versions support a wider range of regulated-process requirements. A gamma-irradiated option is also available for BRE cartridges.

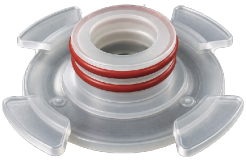




C12 (116 flat O-ring)



CSC (Seal Clean)



C13 (118 flat O-ring with locking tabs)



C28 (123 flat O-ring with locking tabs)

ABSOLUTE RATED RETENTION
0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2 µm

AVAILABLE GRADES
FDA, pharmaceutical, sterilizing grade

OUTSIDE DIAMETER
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)

PLEAT SUPPORT MATERIAL
Polypropylene

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

CONTRUCTION METHOD
Thermal Bond

FILTER MEDIA
Polyethersulfone membrane

CAGE/CORE/CAPS
Polypropylene

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

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 compatibility

SEALS
Buna N | Fluorocarbon | EPDM | Silicone

PACKAGING ECONOMY
Bulk case packaging intended to reduce packaging-material disposal

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

APPROX SURFACE AREA

LENGTH CODE	NOMINAL LENGTH	FDA/PHARMA GRADE BRE AREA	STERILIZING GRADE BRE AREA (SG)
A	2 in. (5.1 cm)	1.28 ft²	1.02 ft²
B	4 in. (10.2 cm)	2.32 ft²	1.86 ft²
C	5 in. (12.7 cm)	2.45 ft²	2.45 ft²

SPECIFICATIONS

SCAN FOR MORE INFO



vk 1026

ORDER OPTIONS

CARTRIDGE	MICRON SIZE	LENGTH	ENDCAP CONFIGURATIONS	GASKET/O-RING	CARTRIDGE GRADE	CARTRIDGE OPTIONS
BRE Brevi-MAXX E	0.04 µm 0.1 µm 0.2 µm 0.45 µm 0.65 µm 0.8 µm 1.2 µm	**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	–	A	–	C12	S	2	GI	BRE0.1-A-C12S2GI
	MICRON RATING		LENGTH		ENDCAP CONFIGURATION	GASKET/ORING	CARTRIDGE GRADE	CARTRIDGE OPTIONS	