BREVI-MAXX
CLARITY Compact Pleated Cartridges

- ► PHARMACEUTICAL
- ► NUTRACEUTICAL
- ► FOOD AND BEVERAGE
- ► ELECTRONICS
- TICAL ► CHEMICAL FEEDS
  - ► FILLING LINES
  - ► POINT OF USE (POU) WATER
  - ► POINT OF USE (POU) AIR



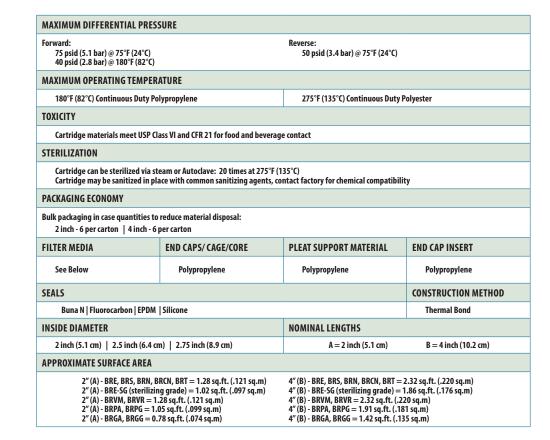


Strainrite's Brevi-MAXX series of pleated filter cartridges offer a compact-size cartridge filter for smaller applications. Nearly all of our standard cartridge filter media, including membranes (PES polyethersulfone membrane, charged nylon, PTFE membrane and more) and pre-filtration materials (including polypropylene and glass fiber) can be placed into this 2.25" diameter configuration. This is an ideal format for smaller batches, lower flow rates, and smaller footprint compared to other traditional cartridges.

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.



Brevi-MAXX compact pleated cartridge



| C13 (118 flat O-ring with locking tabs) |   |
|---|---|
| C12 (116 flat O-ring)                   |   |
|   |   |
|   |   |
|   |   |
|   | C28 (123 flat O-ring with locking tabs) |
|   |   |
|   |   |

- ► 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 VERSION AVAILABLE
- ► CHARGED NYLON MEMBRANE ENDOTOXIN REDUCTION VERSION AVAILABLE
- ► PTFE MEMBRANE VENT-MAXX VERSION AVAILABLE
- ► REDUCED PRODUCT HOLDUP/HIGH YIELDS
- ► SCALEABLE FORMAT GREAT FOR PILOT SCALE
- ► THERMALLY BONDED CONSTRUCTION WITHOUT ADHESIVES RESULTS IN LOWERED EXTRACTABLES
- ► OPTIMIZED PLEATING MAXIMIZES FLOW AND LIFE PERFORMANCE
- ► RETROFITS COMPETITOR FORMAT AND STYLE

| FILTER MEDIA                                | MICRON RATING   | CARTRIDGE GRADE |             |           |               |
|---|---|-----------------|-------------|-----------|---------------|
|   |   | - General       | 1 FDA Grade | 2 Pharma. | SG Sterilzing |
| Polyethersulfone Membrane (BRE)             | 0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2                        |                 | Х           | Х         | Х             |
| Polysulfone Membrane (BRS)                  | 0.05, 0.1, 0.2, 0.45, 0.65, 1.2                             | Х               | Х           |           |               |
| 6,6 Nylon Membrane (BRN)                    | 0.1, 0.2, 0.45, 0.65, 0.8, 1.2                              | Х               | Х           | Х         |               |
| Charged Nylon Membrane (BRCN)               | 0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2                        | Х               | Х           | Х         |               |
| PFTE Membrane (BRT)                         | 0.1, 0.2  | Х               |             | Х         |               |
| Vent-MAXX Double-Layer PTFE Membrane (BRVM) | -* *Absolute rated retention 0.2µ                           |                 |             | Х         |               |
| Vent-Rite PTFE Membrane (BRVR)              | -* *Absolute rated retention 0.2µ                           |                 |             | Х         |               |
| Absolute-Rated Polypropylene Depth (BRPA)   | 1, 1.5, 2.5, 5, 10, 15, 20, 40, 70                          | Х               | Х           | Х         |               |
| Nominally Rated Polypropylene Depth (BRPG)  | 0.25, 0.5, 1, 2.5, 5, 8, 12, 20, 30, 50                     | Х               | Х           | Х         |               |
| Absolute-Rated Microglass Depth (BRGA)      | 0.8, 0.9*, 1, 2*, 3, 5, 10, 15* *Not Available in FDA Grade | Х               | Х           | Х         |               |
| Nominally Rated Microglass Depth (BRGG)     | 0.2, 0.45, 0.65, 1, 5, 10                                   | Х               | Х           | Х         |               |

**ORDER OPTIONS** 

|                                | CARTRIDGE  |  |  |  |
|--------------------------------|--|--|--|--|
| BRE<br>BRS<br>BRN              | Brevi-MAXX E<br>Brevi-MAXX S<br>Brevi-MAXX N                           |  |  |  |
| BRCN                           | Brevi-MAXX CN  |  |  |  |
| BRT<br>BRVM                    | Brevi-MAXX T<br>Brevi-MAXX VM  |  |  |  |
| BRVR<br>BRPA                   | Brevi-MAXX VR<br>Brevi-MAXX PA   |  |  |  |
| BRPG                           | Brevi-MAXX PG  |  |  |  |
| BRGA<br>BRGG                   | Brevi-MAXX GA<br>Brevi-MAXX GG   |  |  |  |
| MICRON RATING                  |  |  |  |  |
| SEE CHART                      |  |  |  |  |
| CARTRIDGE LENGTH               |  |  |  |  |
|                                |  |  |  |  |
| A<br>B                         | 2"<br>4"   |  |  |  |
| Б                              | 4  |  |  |  |
| END CAP CONFIGURATIONS         |  |  |  |  |
| C12                            | 116 Flat O-ring  |  |  |  |
| C13<br>C28                     | 118 Flat O-ring with 4 locking ta<br>026 Flat O-ring with 8 locking ta |  |  |  |
| END CAP CONFIGURATIONS         |  |  |  |  |
|                                |  |  |  |  |
| S<br>B                         | Silicone<br>Buna N   |  |  |  |
| ٧                              | Fluorocarbon   |  |  |  |
| E                              | EPDM   |  |  |  |
| CARTRIDGE GRADE                |  |  |  |  |
| SEE CHART FOR AVAILABLE GRADES |  |  |  |  |
|                                |  |  |  |  |
| -                              | General  |  |  |  |
| 1<br>2                         | FDA<br>Pharmaceutical  |  |  |  |
| SG                             | Sterilizing Grade (BRE-only)   |  |  |  |
|                                |  |  |  |  |
| CARTRIDGE ARTIQUE              |  |  |  |  |
|                                | CARTRIDGE OPTIONS  |  |  |  |
|                                |  |  |  |  |
| GI                             | Gamma Irradiation (BRE-SG only   |  |  |  |
|                                | ,  |  |  |  |