

BRAVOPLEAT BLP

- High flow rate
- Wide filtration rating selection
- Manufactured in one single piece up to 40"
- Outside diameter 66 mm allows retrofittings (except serie 680)
- FDA-listed materials per CFR21



BRAVOPLEAT BLP provides a cost effective filtration in applications where retention efficiency, service operating life and dirt holding capacity are the key factors.

The media is obtained pleating several layers of Melt-blown and Spun-bonded polypropylene (except serie 680; the end fittings, available in several configuration, are assembled by Hot-melt process. External extruded cage prevents back pressure phenomena and allows sanitization and sterilization cycles. The cartridges 20", 30" and 40" are manufactured in one single piece and represent a valid alternative to retrofit string wound cartridges, when better performances are required. The materials meet the international guidelines for Food contact.

MATERIALS OF CONSTRUCTION

| | |
|----------------------------|--------------------------|
| Filter media | polypropylene multilayer |
| Upstream supports | polypropylene |
| Downstream supports | polypropylene |
| Internal Core | extruded polypropylene |
| External Cage | extruded polypropylene |
| End caps / Adapters | polypropylene |

FOOD-SAFETY

BRAVOPLEAT BLP filter elements materials meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

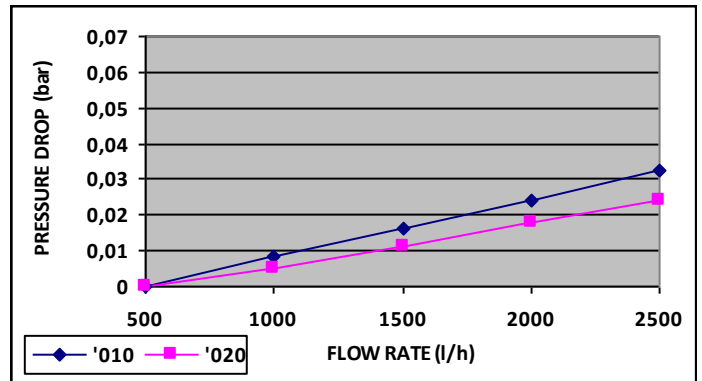
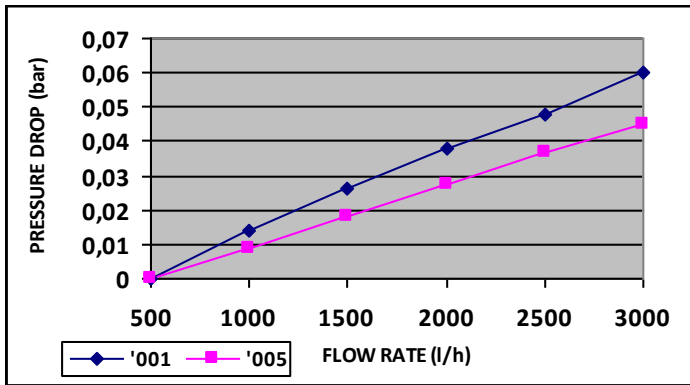
OPERATING CONDITIONS

| | |
|--|------------------|
| - max. continuous temperature | 65 °C |
| - sanitization with hot water | 80 °C max |
| - max. differential pressure | 4,0 bar at 25 °C |
| - recommended change out differential pressure | 1,5 bar at 25 °C |

| CODE | FILTRATION RATING (µm) | MAX WATER FLOW RATE FOR CARTRIDGE (l/h)* | | | |
|------|------------------------|--|------|------|------|
| | | 10" | 20" | 30" | 40" |
| A05 | 0,5 | 1000 | 2000 | 3000 | 4000 |
| 001 | 1 | 1500 | 3000 | 4500 | 6000 |
| 003 | 3 | 1500 | 3000 | 4500 | 6000 |
| 005 | 5 | 2000 | 4000 | 6000 | 6500 |
| 010 | 10 | 3000 | 6500 | 6500 | 6500 |
| 025 | 25 | 3000 | 6500 | 6500 | 6500 |
| 050 | 50 | 3000 | 6500 | 6500 | 6500 |
| 100 | 100 | 3000 | 6500 | 6500 | 6500 |

*The limit of 6500 l/h is limited by the internal core section.

WATER FLOW RATE FOR 20" CARTRIDGE



BRAVOPLEAT BLP ORDERING INFORMATION

BLP - 667 3 - 003 - GG - MB

| EXTERNAL DIAMETER | END FITTING | CODE |
|-------------------|--|------------|
| 66 mm | DOE: double open end with flat gaskets. | 660 |
| | SOE: open end with (2) O-Ring 2.222. Blind end with flat top. | 663 |
| | SOE: open end with (2) O-Ring 2.226 and 2 bayonet locks. Blind end with fin. | 667 |
| | SOE: open end with (2) O-Ring 2.222. Blind end with fin. | 668 |
| 68 mm * | DOE: double open end with flat gaskets. | 680 |
| 70 mm | SOE: open end with (2) O-Ring and blind end with fin. | 709 |

| FILTRATION RATING | CODE |
|-------------------|------------|
| 0,5 µm | A05 |
| 1 µm | 001 |
| 3 µm | 003 |
| 5 µm | 005 |
| 10 µm | 010 |
| 25 µm | 025 |
| 50 µm | 050 |
| 100 µm | 100 |

| CODE | PACKING TYPE |
|-----------|--------------|
| MB | Multiple box |

| CODE | GASKETS | | END FITTING |
|----------------|------------|------------------|----------------|
| no code | Standard | Buna N | 660 |
| S | On request | Silicone | |
| VW* | On request | Viton "NO FOOD!" | |
| no code | Standard | Buna N | All the others |
| S | On request | Silicone | |
| V | On request | Viton | |
| E | On request | EPDM | |
| VW* | On request | Viton "NO FOOD!" | |

* The combination with this gasket makes the cartridge unsuitable for contact with food.

* heat-sealed version

| CODE | NOMINAL LENGTH |
|----------|----------------|
| 1 | 10" |
| 2 | 20" |
| 3 | 30" |
| 4 | 40" |

| CODE | PRODUCT GRADE |
|-----------|---|
| CQ | General Grade; quality certification in the box |
| GG | General Grade; without certification |
| BV | Water grade |

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The data are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.