

## **BRAVOCHEM PLUS**

- High chemical compatibility
- Solvent resistant
- Temperature resistant
- High flow rate
- High contaminant holding capacity
- Manufactured up to length 60"
- Outside diameter 68 mm allows retrofittings



BRAVOCHEM PLUS provide a cost-effective filtration in applications where retention efficiency, operating life and dirt holding capacity must be linked with high chemical compatibility.

The media is borosilicate microfiber pleated with upstream and downstream layers of polyaramide.

The media retains the contaminants both through mechanical and adsorption mechanism: the result is high dirt holding capacity and precise filtration rating.

Except the media in borosilicate, all other materials are highly resistant; core and cage are made of stainless steel in order to withstand the differential pressure and to prevent back pressure phenomena.

Main applications are filtration of chemicals, Amine solutions, photo-chemicals, hydrocarbons, condensates, corrosive gasses and solvents.

| Filter media        | Borosilicate<br>microfiber |  |
|---------------------|----------------------------|--|
| Upstream supports   | Polyaramide                |  |
| Downstream supports | Polyaramide                |  |
| Perforated core     | Stainless steel            |  |
| Perforated cage     | Stainless steel            |  |
| End caps / Adapters | Tecnopolymer               |  |

**MATERIALS OF CONSTRUCTION** 

## **OPERATING CONDITIONS**

| Max operating temperature 0 °C ÷ 120 °C         |                |
|---|----------------|
| Flow direction                                  | Outside—inside |
| Max. differential pressure                      | 5,0 bar        |
| Recommended change out<br>differential pressure | 2,0 bar        |

| CODE | FILTRATION MAX. WATER FLOWRATE FOR CARTRID |      | GE (l/h) * |           |
|------|--|------|------------|-----------|
|      | (µm)                                       | 30″  | 40″        | 50″ / 60″ |
| 003  | 3  | 4500 | 6000       | 7000      |
| 005  | 5  | 6000 | 6500       | 7500      |
| 010  | 10   | 6000 | 7000       | 8500 *    |

\* The limit of 8500 l/h is determined by the internal core section

## **BRAVOCHEM PLUS ORDERING INFORMATION**

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| B                    | G <u>N</u> -   | <u>689</u> |
|----------------------|--|------------|
|                      | Tecnopolymer   |            |
| EXTERNAL<br>DIAMETER | END FITTING  | CODE       |
| 68 mm                | DOE: Double ope<br>end with flat gaskets   |            |
|                      | SOE: open end wit<br>(2) O-Ring 2.22<br>Blind end with fla<br>top.                 | 2. 693     |
|                      | SOE: open end wit<br>(2) O-Ring 2.226 an<br>2 bayonet locks. Blin<br>end with fin. | id 687     |
|                      | SOE: open end wit<br>(2) O-Ring 2.22<br>Blind end with fin.                        |            |

| FILTRATION<br>RATING | CODE |
|----------------------|------|
| 3 µm                 | 003  |
| 5 µm                 | 005  |
| 10 µm                | 010  |

<u>003</u>

GG

| CODE PACKING T  |     |
|-----------------|-----|
|                 | YPE |
| SB Single box   |     |
| MB Multiple box |     |

| CODE       | GASKETS  |       | END<br>FITTING |
|------------|----------|-------|----------------|
| no<br>code | Standard | EPDM  | 680            |
| v          | Special  | Viton |                |
| no<br>code | Standard | EPDM  | 683            |
| v          | Special  | Viton | 687<br>689     |
| F          | Special  | FEP   |                |

| CODE | PRODUCT GRADE |
|------|---------------|
| GG   | General Grade |

| CODE | NOMINAL<br>LENGTH |
|------|-------------------|
| 3    | 30″               |
| 4    | 40″               |
| 6 *  | 60″               |

\* on request

Data contained in this bulletin 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.





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