

BRAVOLEAT BLP

- High flow rate
- Wide filtration rating selection
- Manufactured in one single piece up to 40"
- Outside diameter 66 mm allows retrofittings
- EC-listed materials for Food contact
- FDA-listed materials per CFR21



BRAVOLEAT 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; 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

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

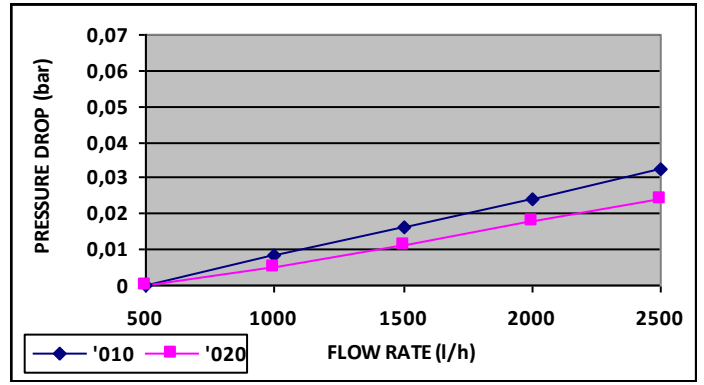
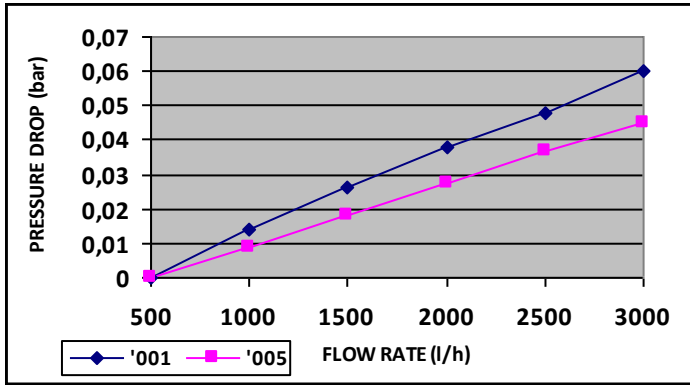
OPERATING CONDITIONS

- 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
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	
no code	Standard	Buna N	All the others
S	On request	Silicone	
V	On request	Viton	
E	On request	EPDM	

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

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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Bea Technologies Spa Via Newton, 4 - 20016 Pero (Milano) ITALY
 Tel +39 02 339271 FAX +39 02 3390713 e-mail: info@bea-italy.com
 web: www.bea-italy.com