

GRANFILTER - BEA

- High flow rate
- High effective filtering area with SE-TECH technology
- Enable the use of fewer filter elements and smaller housings
- Time reduction in change out operation
- EC-listed materials for Food contact



GRANFILTER - BEA is designed to handle large volume of liquids with precise filtration grade. The incorporated SE-TECH technology allows to achieve optimal flow distribution between the pleating media and the internal core, avoiding restrictions and exploiting the full filtration surface area to generate high throughput and service life.

The cartridges are well suited for fluids with high level of contamination or upstream protection of membrane cartridges.

GRANFILTER - BEA fit housing internally equipped with cartridges support that prevent filter element from collapsing in case of delayed change out, that generates high pressure drop.

Manufacturing is performed in a controlled environment to guarantee high quality standard.

MATERIAL OF CONSTRUCTION

	CODE HA and HF	OTHER CODES
Filter media	microfiber	polypropylene
Upstream supports	polypropylene	polypropylene
Downstream supports	polypropylene	polypropylene
Internal Core	polyethylene-HDPE	polyethylene-HDPE
External Cage	polyethylene-HDPE	polyethylene-HDPE
End caps / Adapters	polypropylene	polypropylene

FOOD-SAFETY

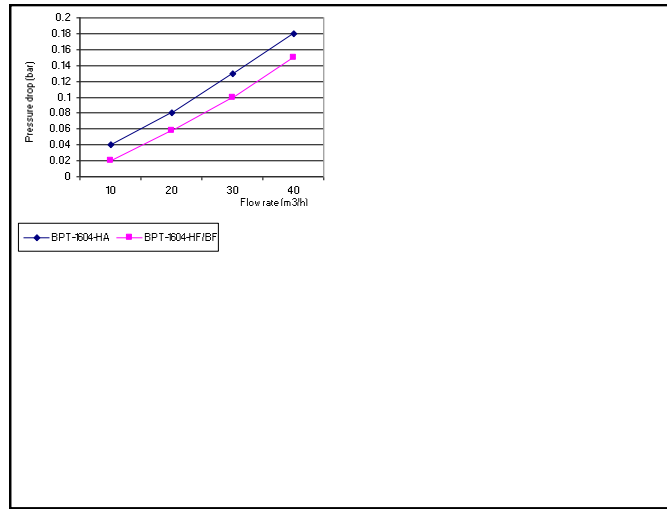
GRANFILTER - BEA filter element materials meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

OPERATING CONDITIONS

- max. continuous temperature	65 °C
- sanitization with chemicals	can be sanitized by standard chemical agents
- max. differential pressure	3,0 bar at 25 °C
- recommended change out differential pressure	2,0 bar at 25 °C

CODE	FILTRATION RATING IN LIQUIDS	MAX. FLOWRATE FOR LENGTH 40" m ³ /h
HA	0,5 µm	30
HF	1,0 µm	35
BF	1,0 µm	35
BG	3,0 µm	40
BH	5,0 µm	40
BK	10,0 µm	40
BM	20,0 µm	40
BR	40,0 µm	40

FLOW RATE FOR 40" CARTRIDGE



GRANFILTER - BEA ORDERING INFORMATION

B P T - 160 4 - BH - GG - SB -

FILTER MEDIA	CODE
Polypropylene	P
Microfiber of borosilicate (only for grade HA and HF)	G

END FITTING	CODE
Polypropylene	T

FILTRATION RATING µm	CODE
0,5	HA
1,0	HF
1,0	BF
3,0	BG
5,0	BH
10,0	BK
20,0	BM
40,0	BR

CODE	GASKETS	
No code	Standard	Buna N
E	On request	EPDM
V	On request	Viton

CODE	PACKING TYPE
SB	Single box

CODE	PRODUCT GRADE
GG	General Grade; non prefluxed
BG*	Prefluxed with water

*only for filtration rating HA and HF containing microfiber of borosilicate

EXTERNAL DIAMETER mm	END FITTING	CODE
160	SOE Open end with internal O-ring 2.337; blind end with flat top.	160

CODE	NOMINAL LENGTH
4	40"
6	60"

DS-BPT-728-UK-17

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.

Bea Technologies Spa

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