MAGNEX JET

- High dirt holding capacity
- High effective filtering area using 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
- Hot-melt assembling process

MAGNEX JET is designed to filter large volume of liquids with high level of contamination and to retain particulates with efficiency higher than 99,5%.
The incorporated SE-TECH technology allows to achieve optimal flow distribution between the media and the internal core, avoiding restriction and exploiting the full filtration surface area to generate higher throughput and service life.
The cartridges are well suited for fluids with high level of contamination or upstream protection of membrane cartridges.
The materials of contruction are chemically and biologically inert and meet international requirements for Food contact.
Manufacturing is performed in a controlled environment to guarantee high standard quality.

MATERIAL OF CONSTRUCTION

	CODE GD and GG	CODE GGC	OTHER CODES
Filter media	microfiber	polypropylene + nanofiber PP	polypropylene
Upstream supports	polypropylene	polypropylene	polypropylene
Downstream supports	polypropylene	polypropylene	polypropylene
Internal Core	extruded polypropylene	extruded polypropylene	extruded polypropylene
External Cage	extruded polypropylene	extruded polypropylene	extruded polypropylene
End caps / Adapters	polypropylene	polypropylene	polypropylene

FOOD-SAFETY

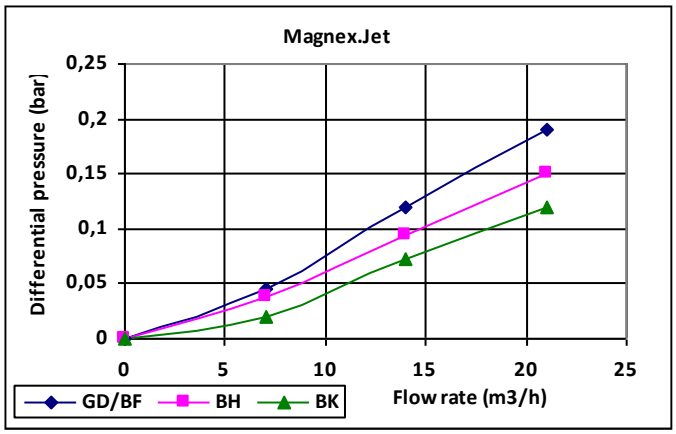
MAGNEX JET filter elements materials meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

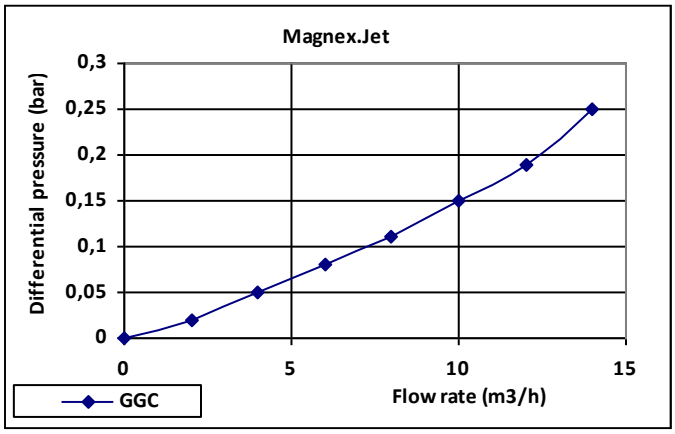
OPERATING CONDITIONS

- max. continuous temperature	65 °C
- sanitization with chemicals	Can be sanitized by standard chemical agents
- max. differential pressure	3,5 bar at 25 °C
- recommended change out differential pressure	2,0 bar at 25 °C

CODE	FILTRATION RATING IN LIQUIDS	MAX. FLOWRATE FOR LENGTH 39" m^3/h
GD	1,0 µm	8
GG	2,5 µm	8
BF	1,0 µm	10
BH	5,0 µm	10
BK	10,0 µm	15
BM	25,0 µm	15
BR	50,0 µm	15
BT	100,0 µm	15
GGC	0,5 µm	7

WATER FLOW RATE FOR 39" CARTRIDGE





MAGNEX JET ORDERING INFORMATION

M P M - 170 1 - BH - GG - SB - ☐

FILTER MEDIA	CODE
Polypropylene	**P**
Microfiber of borosilicate with support in PE (only for grade GD and GG)	**G**
Polypropylene + nanofiber PP	**N**

EXTERNAL DIAMETER mm	END FITTING	CODE
170	**SOE One open end only**	**170**

CODE	NOMINAL LENGTH
1	39"
2	60"

FILTRATION RATING micron	CODE
1,0	**GD**
2,5	**GG**
1,0	**BF**
5,0	**BH**
10,0	**BK**
25,0	**BM**
50,0	**BR**
100,0	**BT**
0,5	**GGC**

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

*only for GD and GG filtration rating containing microfiber of borosilicate

CODE	PACKING TYPE
SB	Single box

CODE	GASKETS	
No code	Standard	Silicone
N	On request	Buna N
V	On request	Viton

Bea Technologies Spa
Via Newton,4 -20016 Pero (MILANO) Italy
Tel.+(39) 02 339271 / Fax+(39) 02 3390713
mail:info@bea-italy.com
web:www.bea-italy.com