

BIOMAGNEX

- High dirt holding capacity
- High effective filtering area using SE-TECH technology
- Time reduction in change out operation
- EC-listed materials for Food contact
- Hot-melt assembling process



BIOMAGNEX is designed to obtain a substantial bio-burden reduction or to protect sterilizing cartridges in order to enhance their "service life".

The filtering media is made with PES (polyethersulfone) hydrophilic membrane.

The PES membrane gives a precise filtration retention, the SE-TECH technology allows to reach 10 m² per filter element, the high flow rate and low pressure drop increases service life and reduces the cost per liter of the filtered liquid, the reduction time in change out comparing to the time needed to change cartridges with the equivalent surface area.

The materials of construction are chemically and biologically inert and meet international requirements for Food contact.

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

MATERIAL OF CONSTRUCTION

Filter media	PES
Upstream supports	polypropylene
Downstream supports	polypropylene
Internal Core	extruded polypropylene
External Cage	extruded polypropylene
End caps / Adapters	polypropylene

DIRETTIVE EC FOOD-SAFETY

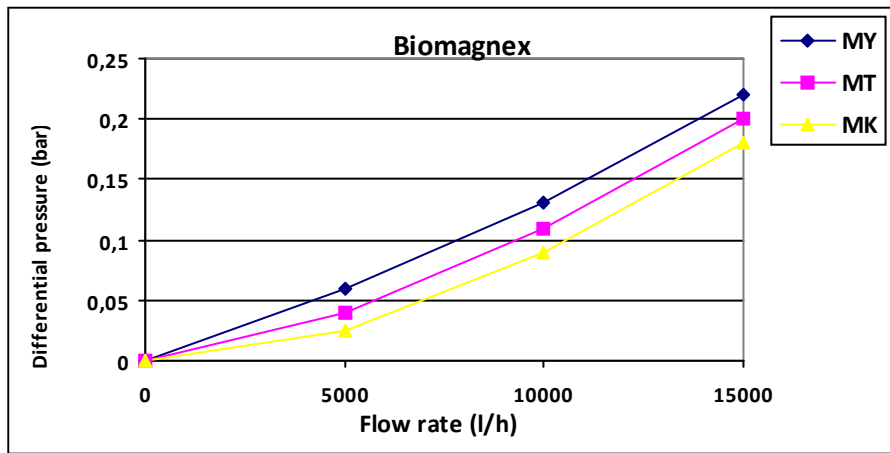
BIOMAGNEX filter elements materials meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005

OPERATING CONDITIONS

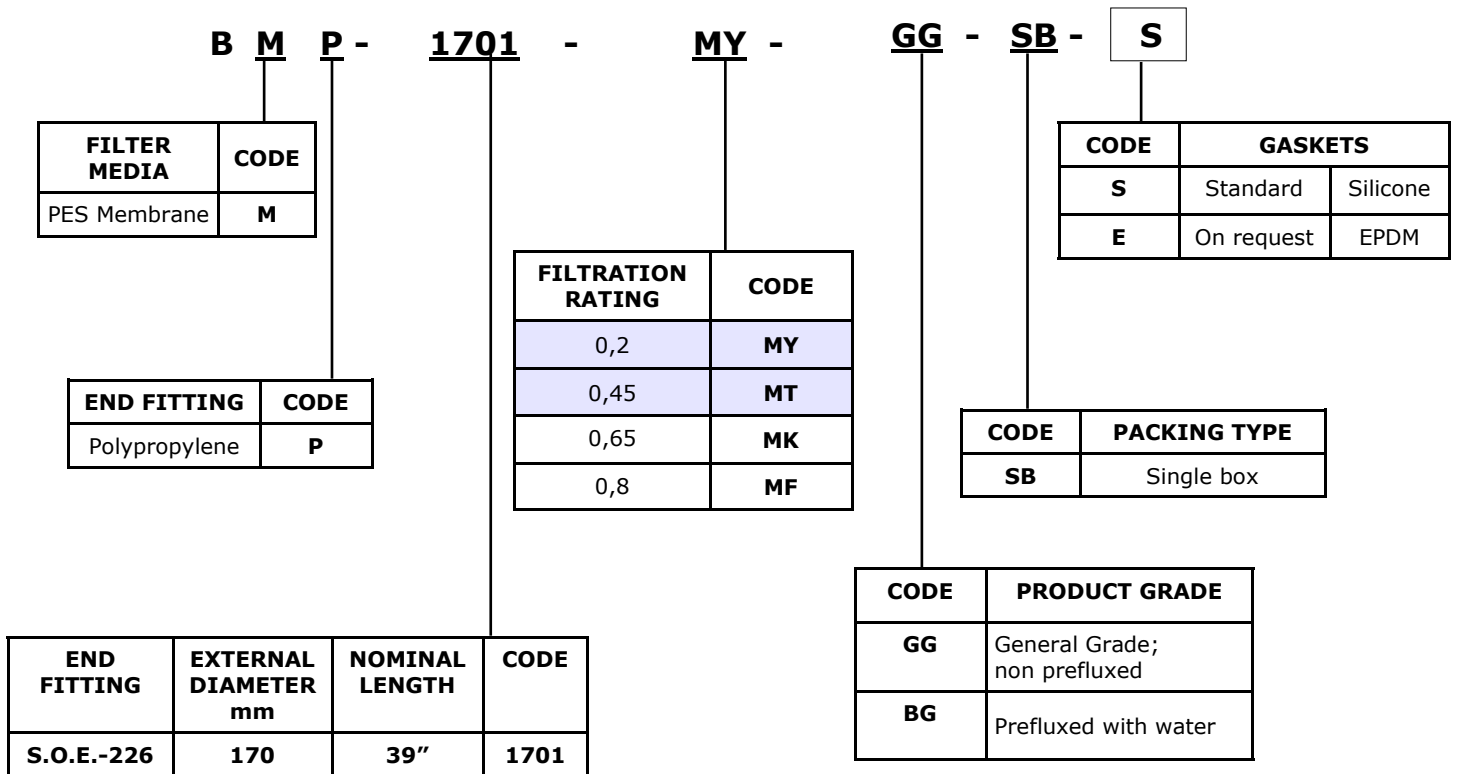
- max. continuous temperature	65 °C
- sanitization with chemicals	Can be sanitized by standard chemical agents
- max. differential pressure	3,5 bar at 25 °C
- recommended change out differential pressure	2,0 bar at 25 °C

CODE	FILTRATION RATING IN LIQUIDS	MAX. FLOWRATE l/h
MY	0,2 µm	8.000
MT	0,45 µm	8.000
MK	0,65 µm	10.000
MF	0,8 µm	10.000

WATER FLOW RATE FOR 39" CARTRIDGE



BIOMAGNEX ORDERING INFORMATION



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.



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