EPV.P

Wound polypropylene fibers depth Filter Cartridges

For economical preliminary filtration of liquids

Description

EPV.P filter cartridges are made from the texturized wound bundle polypropylene fiber. The special technological approach combined with computerized equipment ensures thorough winding with increasing matrix density from the cartridge surface to the central channel. The lifetime of the cartridge is significantly increased because of uniform distribution of various size contamination particles retained in different layers of the filter as the liquid is moving through the cartridge.

Features and advantages

- Multilayer structure provides increased contamination capability and lifetime;
- Low hydraulic resistance;
- High filtration rate and lifetime;
- Special filter construction precludes the 'dusting' possibility.

Materials

Membrane	Woundbundle polypropylene fiber
Draining layer	Polypropylene
Body, end parts	Polypropylene
O-rings	Silicone (other materials available)

Nominal micron rating

5 µm, 10 µm, 20 µm

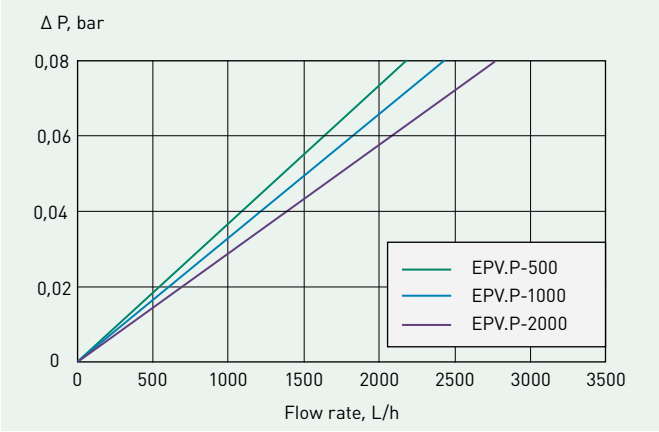
Operational parameters

Maximal differential pressure	0.4 MPa at 20 °C, 0.2 MPa at 80 °C
Maximal operational temperature	80 °C

Sterilization and washing

Washing	Hot water (up to 80 °C), chemical reagents
Autoclaving or steaming in-line	121 °C, 0.12 MPa, 30 min, 20 cycles

Flow Rates of EPV.P wound, H = 250 mm



Filter Cartridges ordering information

EPV.P	500		A1	1000	N
Марка	**Micron rating**		**Adapter code**	**Cartridge height**	
	Code		A	250 mm (10")	wound
	500	5 µm	D	500 mm (20")	
	1000	10 µm	D1	750 mm (30")	
	2000	20 µm	A1	1000 mm (40")	
			A4		
			B		
			B(SI)		