

Depth Pre Filtration

**PolyRolled
Filter Cartridges**



megaFilter
Filtros e sistemas de Filtragem

The SMART choice for filtration

PolyRolled Filter Cartridges

Rolled Polypropylene Microfiber

MBR cartridges are constructed of a continuous polypropylene material. The graded pore size of the cartridge provides a high retention efficiency. The cartridges also have large filtration area and long life cycle as the result of their multiple-layer polypropylene membrane.

MBR series are constructed of double-layer polypropylene fiber. They have over two times higher retention efficiency and three times longer life cycle than similar polypropylene products.

Features and Benefits

- All-polypropylene structure, without any binder, less dissolved.
- High dirt holding capacity, long life cycle

Typical Applications

- Protection filtration for RO system
- Pre-filtration for cooling water system
- Pigment-based inks filtration
- Ceramic inks filtration
- Disperse ink jet filtration



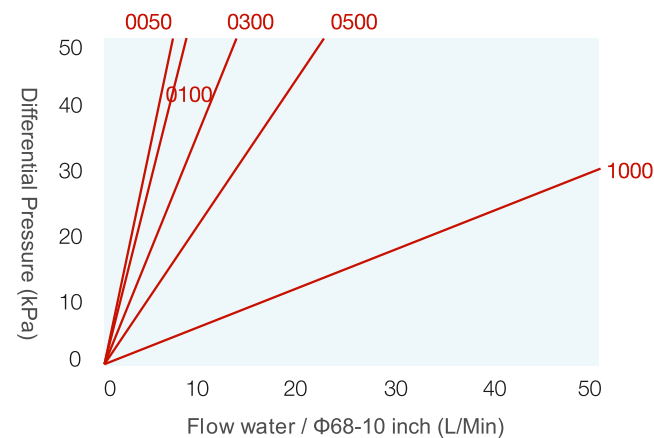
Materials of Construction

Filter Medium	Rolled Polypropylene Microfiber
Support Layer	Polypropylene
Core/Cage/End Caps	Polypropylene
O-Rings	Please refer to ordering information

Operating Conditions

Max. Operating Temperature	80°C
Max. Differential Pressure	4 bar / 21°C 2.1 bar / 80 °C

Flow Rate Characteristics



Test Criteria:single length (255mm) cartridge,water @20°C.

Ordering Information

MBR	Removal Ratings	End Cap	Nominal Length	Seal Material
	0050=0.5 μm	DOE = Double Open End	05= 5"	S=Silicone
	0100=1.0 μm	TC = 222/Flat Cap	10=10"	E=EPDM
	0300=3.0 μm	TF = 222/Fin Cap	20=20"	V=Viton
	0500=5.0 μm	SF = 226/Fin Cap	30=30"	P=PFA/Viton
	1000=10 μm	SC = 226/Flat Cap	40=40"	
	2500=25 μm	N = No Gaskets		
	5000=50 μm			



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