

ALL POLYETHYLENE CARTRIDGE FILTER

TCEtype



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Features

- In order to reduce extractables, all components including membranes are made of polyethylene.
- Smaller pore sized membranes than the existing product line enables high precise filtrations.

Specifications

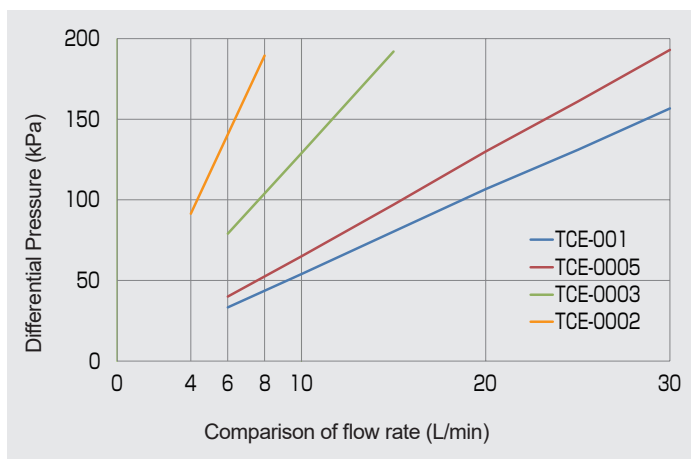
	TCE-0002	TCE-0003	TCE-0005	TCE-001
Nominal Rating (nm)	2	3	5	10
Filtration Area (cm ² /250mm)	15,000			15,500
Maximum Operating Differential Pressure	0.25 MPa (25°C)			
Maximum Operating Temperature	40°C			

- It is recommended that you review the maximum different pressure and the maximum operating temperature before use as these factors are determined by a water test and could fluctuate depending on various conditions such as liquid filtered, pressure, temperature and filtration time.
- The plastic cartridge housing can degrade over time especially with long term exposure of fluids containing oxidizing agents such as chlorine. The degree of degradation varies depending on conditions such as temperature, pressure or types of chemicals used. Regular replacement is recommended.
- In case of the filtration of organic solvents, please use stainless housing and take earth ground to prevent electrostatic.

Applications

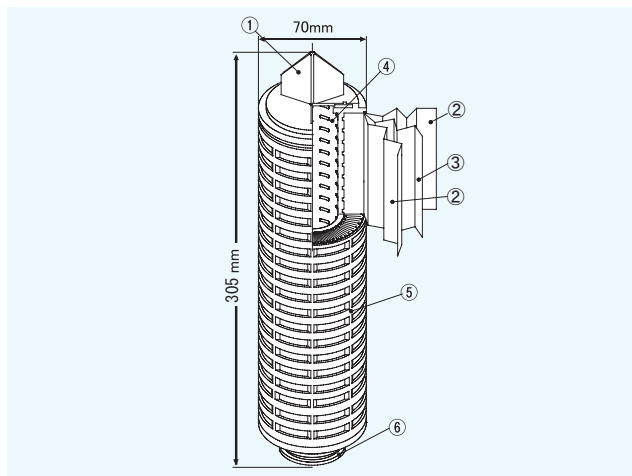
- Resist filtration for microelectronics such as semiconductors or LCDs.

Typical Water Flow Rate



《Test Conditions》Pipe Dia.: 3/4 in. Housing: 1TWA-1S-MS Water temp.: 20°C

- Specifications listed in this catalog represent values in effect at the time of printing and are subject to change without notice.
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Materials

- | | |
|-----------------|----------|
| ① End Cap | : HDPE |
| ② Support Media | : HDPE |
| ③ Membrane | : UHMWPE |
| ④ Core Tube | : HDPE |
| ⑤ Outer Sleeve | : HDPE |
| ⑥ O-ring | : HDPE |

Ordering Information

End Fixture Code: M, P, R

Grade	Length	Length Code
TCE-0002	250mm	S
	500mm	D
TCE-0003	250mm	S
	500mm	D
TCE-0005	250mm	S
	500mm	D
TCE-001	250mm	S
	500mm	D

Gasket/ O-ring Polymer

Gasket/ O-ring Polymer	Gasket / O-ring Code
EPR	E (Standard)
EPDM	D
Chloroprene	N
NBR	B
Silicone	S
FPM	V
FEP Encapsulated	F

As for the details, please contact us.

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ADVANTEC

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