



Graver Technologies

Filtration | Separation | Purification

WaterTEC™ Filter Series

Absolute Rated Polyethersulfone Membrane Filter Cartridges

The WaterTEC™ filter series is constructed of absolute rated, hydrophilic, asymmetric polyethersulfone membrane and polypropylene components. The filter is designed for overall filtration economy and provides excellent flow rates and throughputs.

Filter Features-Benefits

- Low pressure drop reduces energy costs
- High dirt holding capacity minimizes change-outs and down time
- All thermal bonded construction with no adhesives
- Available in all common configurations to allow use of existing filter housings
- Cost effective absolute filtration
- All materials are FDA listed for food and beverage contact (U.S. CFR, Title 21)
- Meets USP, Class VI for plastics

Filter Specifications

Media: Asymmetric polyethersulfone

Inner core, Cage, End Caps: Polypropylene

Gaskets/O-Rings: Buna-N, EPDM, Silicone, Viton, Teflon Encapsulated Viton (O-Rings only)

Micron ratings: 0.05, 0.1, 0.2, 0.45, 0.65 μm

Compatibility: Compatible with most common chemical cleaning, sanitizing and sterilizing agents and with pH range from 1-14. Consult factory for specific compatibility information

Cleanliness: Non-fiber releasing, no wetting agents

Dimensions and Operating Parameters

Typical nominal lengths: 9.75", 10", 20", 30", 40"
(24.7, 25.4, 50.8, 76.2, 101.6cm)

Outside diameter: 2.7" (6.86 cm)

Inside diameter: 1.1" (2.79 cm)

Maximum sustained operating temperature: 180°F (82°C) at 20 psid (1.38 bar)

Maximum differential pressure: 60 psid @ 80°F (4.14bar @ 27°C)
30 psid @ 160°F (2.07 bar @ 71°C)
15 psid @ 200°F (1.03 bar @ 93.3°C)

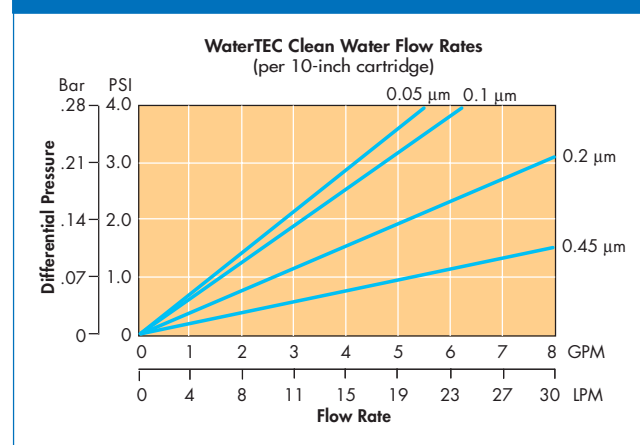
Recommended change-out pressure: 35 psid (2.4 bar)



Typical Applications

- General water filtration
- DI water prefilter
- DI water post filter
- Aqueous based chemical processing

WaterTEC FLOW RATE



WaterTEC Nomenclature Information

WaterTEC Filter Type WaterTEC Series	0.2	-10	P2	E	-R
		Nominal Length (inches) -9.75 -10 -20 -30 -40		Gasket or O-Ring S Silicone B Buna-N E EPDM V Viton T Teflon encap. Viton (O-Rings only) T Teflon gasket	Pre-Rinse Option -R Factory Pre-Rinse
Retention Rating (microns) 0.05 0.1 0.2 0.45 0.65			End Configuration P Double Open End P2 226/Flat Single Open End P3 222/Flat Single Open End P7 226/Fin Single Open End P8 222/Fin Single Open End		

Example: WaterTEC 0.2-10 P2E-R



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 ...mit dem Beratungsplus!

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