



The Clear Choice
Water Filtration Systems

www.aquafilter.com

FCPP

PP Yarn Sediment Filter Cartridge



Made in EU

General Description:

AQUAFILTER FCPP series cartridges are made of FDA-approved polypropylene string wound on a polypropylene core which strengthens the cartridge.

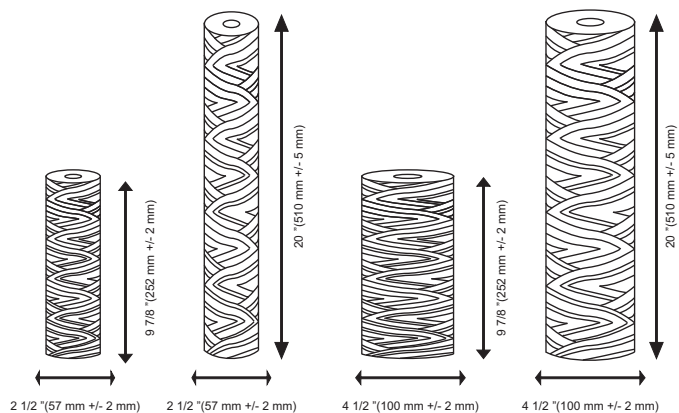
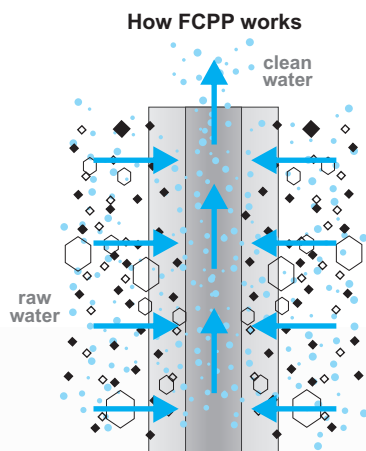
It has a broad chemical compatibility, good temperature resistance and low cost. **FCPP** series cartridges are primarily used as the first stage of filtration of cold potable water.

Cartridges are characterized by excellent sediment absorption of sand, silt, rust and suspended solids from potable water. In addition, these filter cartridges effectively protect expensive home appliances and residential plumbing systems.

Features:

- Competitive Pricing
- FDA CFR Title 21 Compliance
- Removal ratings from 1 to 100 micron
- 87% efficiency at stated nominal micron rating
- Consistently efficient filters
- Provides excellent filtration with low inlet pressure
- Provides first stage filtration for potable water*
- Chemical resistant
- Prevents development of microorganisms
- Made in the EU with High Quality materials

* in case of filter cartridge with 20µm and higher.





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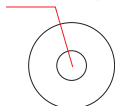
| CAT # | SIZE | Micron | Weight Jar | Max. Flow | | Filter life* | | |
|------------|--|--------|-----------------|-----------|-------|--------------|--------|--------|
| | | | | lpm | gpm | liters | galons | months |
| FCPP1 | 9 7/8" x 2 1/2" 252 mm (+/- 2 mm) x 57 mm (+/- 2 mm) | 1 µm | 120 g (+/- 5 g) | 20 | 5.29 | 12,000 | 3,170 | 3 - 6 |
| FCPP5 | 9 7/8" x 2 1/2" 252 mm (+/- 2 mm) x 57 mm (+/- 2 mm) | 5 µm | 120 g (+/- 5 g) | 20 | 5.29 | 12,000 | 3,170 | 3 - 6 |
| FCPP10 | 9 7/8" x 2 1/2" 252 mm (+/- 2 mm) x 57 mm (+/- 2 mm) | 10 µm | 120 g (+/- 5 g) | 20 | 5.29 | 12,000 | 3,170 | 3 - 6 |
| FCPP20 | 9 7/8" x 2 1/2" 252 mm (+/- 2 mm) x 57 mm (+/- 2 mm) | 20 µm | 120 g (+/- 5 g) | 20 | 5.29 | 12,000 | 3,170 | 3 - 6 |
| FCPP50 | 9 7/8" x 2 1/2" 252 mm (+/- 2 mm) x 57 mm (+/- 2 mm) | 50 µm | 120 g (+/- 5 g) | 20 | 5.29 | 12,000 | 3,170 | 3 - 6 |
| FCPP100 | 9 7/8" x 2 1/2" 252 mm (+/- 2 mm) x 57 mm (+/- 2 mm) | 100 µm | 120 g (+/- 5 g) | 20 | 5.29 | 12,000 | 3,170 | 3 - 6 |
| FCPP1-L | 20" x 2 1/2" 510 mm (+/- 5 mm) x 57 mm (+/- 2 mm) | 1 µm | 245 g (+/- 5 g) | 30 | 7.09 | 16,000 | 4,220 | 3 - 6 |
| FCPP5-L | 20" x 2 1/2" 510 mm (+/- 5 mm) x 57 mm (+/- 2 mm) | 5 µm | 245 g (+/- 5 g) | 30 | 7.09 | 16,000 | 4,220 | 3 - 6 |
| FCPP10-L | 20" x 2 1/2" 510 mm (+/- 5 mm) x 57 mm (+/- 2 mm) | 10 µm | 245 g (+/- 5 g) | 30 | 7.09 | 16,000 | 4,220 | 3 - 6 |
| FCPP20-L | 20" x 2 1/2" 510 mm (+/- 5 mm) x 57 mm (+/- 2 mm) | 20 µm | 245 g (+/- 5 g) | 30 | 7.09 | 16,000 | 4,220 | 3 - 6 |
| FCPP50-L | 20" x 2 1/2" 510 mm (+/- 5 mm) x 57 mm (+/- 2 mm) | 50 µm | 245 g (+/- 5 g) | 30 | 7.09 | 16,000 | 4,220 | 3 - 6 |
| FCPP100-L | 20" x 2 1/2" 510 mm (+/- 5 mm) x 57 mm (+/- 2 mm) | 100 µm | 245 g (+/- 5 g) | 30 | 7.09 | 16,000 | 4,220 | 3 - 6 |
| FCPP5M10B | 9 7/8" x 4 1/2" 252 mm (+/- 2 mm) x 100 mm (+/- 2 mm) | 5 µm | 425 g (+/- 5 g) | 40 | 10.58 | 18,000 | 4,755 | 3 - 6 |
| FCPP20M10B | 9 7/8" x 4 1/2" 252 mm (+/- 2 mm) x 100 mm (+/- 2 mm) | 20 µm | 425 g (+/- 5 g) | 40 | 10.58 | 18,000 | 4,755 | 3 - 6 |
| FCPP5M20B | 20" x 4 1/2" 510 mm (+/- 5 mm) x 100 mm (+/- 2 mm) | 5 µm | 895 g (+/- 5 g) | 60 | 21.16 | 24,000 | 6,340 | 3 - 6 |
| FCPP20M20B | 20" x 4 1/2" 510 mm (+/- 5 mm) x 100 mm (+/- 2 mm) | 20 µm | 895 g (+/- 5 g) | 60 | 21.16 | 24,000 | 6,340 | 3 - 6 |

* filter cartridge lifetime depends on contamination level of potable water.

Specifications:

Filter media: PP
Core: PP or PET
Nominal micron rating: 1, 5, 10, 20, 50, 100
Min. feedwater temp. 2°C (35°F)
Max. feedwater temp. 65°C (149°F)
Lengths: 10", 20"
Outer diameter: 2 1/2", 4 1/2"
Inner diameter: 1, 1"
Avg. Efficiency: 90%

Inner diameter: 1, 1"



Aquafilter Manufacturing Facility



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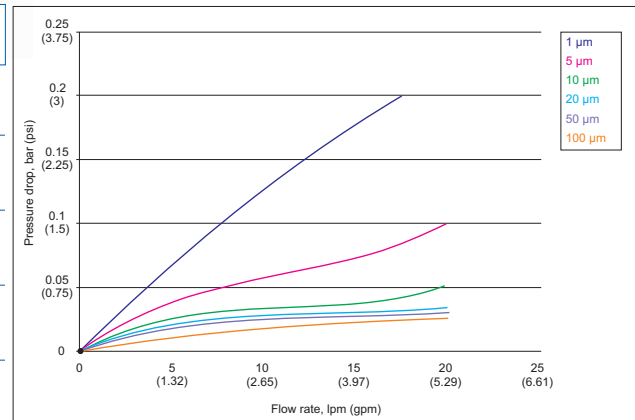
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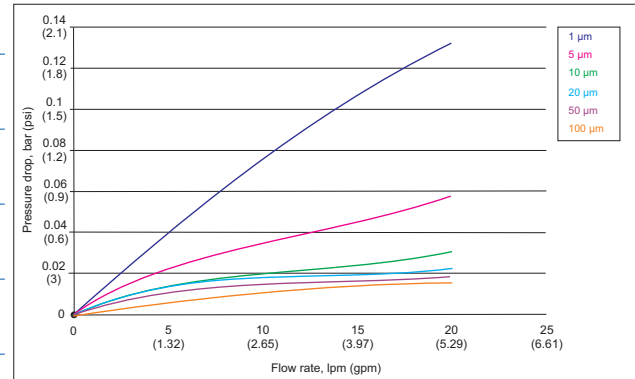
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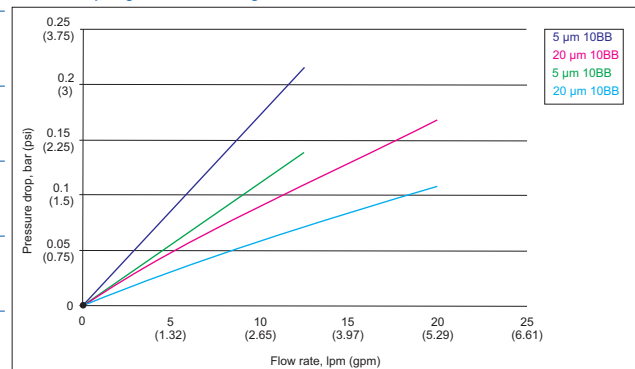
Pressure drop diagram for 10" cartridges



Pressure drop diagram for 20" cartridges



Pressure drop diagram for 10", 20" Big Blue®



Polypropylene yarn nominal rating sediment filter cartridge available in 10", 10" Big Blue®, 20" and 20" Big Blue® size and 1, 5, 10, 20, 50, 100 micron rating. Generally used with all standard size filter housings. Low cost pre-filtration.

IMPORTANT NOTICE: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. We recommend regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform properly. Improper installation and maintenance may result in property damage due to water leakage. **Limited Warranty:** AQUAFILTER warrants that this product is free from defects in materials and workmanship. This limited warranty does not apply to failures that result from abuse, misuse, alteration or failure to properly comply with installation or cartridge change instructions.

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