General Description:

AQUAFILTER FCPS series cartridges are NSF certified using FDA approved polypropylene for material requirements.

The construction of this pure polypropylene, surfactant-free depth filter ensures low pressure drops, with exceptional dirt holding capabilities. FCPS uses no resin binders, lubricants, antistatic or release agents or other chemical additives.

The one-step manufacturing process continuously extrudes and thermally bonds pure polypropylene microfibres into a complex filter matrix.

Cartridges are characterized by excellent sediment absorption of sand, silt, rust and suspended solids from potable water.

Polypropylene fibers are chemical resistant and prevent development of microorganisms. In addition, these filter cartridges effectively protect expensive home appliances and residential plumbing systems.

FCPS series cartridges are an ideal true depth filters and can be used for filtration of cold potable water.

Aquafilter wide range of melt-blown cartridges has multiple fiber zones. These multi-fibre zones provide a graded pore structure throughout the filter’s depth. Our filter cartridges have been designed to capture and retain contaminants throughout the entire cross section of the filter.

The multiple fibre zones give our filter cartridges a major competitive advantage over other melt-blown filters with fewer pore size gradients in their structure.

Aquafilter melt-blown filters demonstrate true graded depth filtration, the results are long filter service life, therefore lower consumable costs.

The new, modern, automatic manufacturing equipment used to produce our wide range of melt-blown cartridge filters delivers consistently efficient filters at low costs.

Features:

- NSF approved product
- FDA CFR Title 21 Compliance
- Competitive Pricing
- Removal ratings from 1 to 50 micron
- 85% efficiency at stated nominal micron rating
- Multi-layer construction gives true graded depth filtration, high dirt holding capacity and long service life
- Consistently efficient filters
- Constructed from 100% polypropylene without added binders, resins or adhesives
- 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
The Clear Choice
Water Filtration Systems

FCPS
Melt-blown Polypropylene
Filter Cartridge

Specifications:
Filter media: PP
Min. feedwater temp. 2°C (35°F)
Max. feedwater temp. 80°C (176°F)
Nominal micron rating: 1, 5, 10, 20, 50
Lengths: 10, 20, 30, 40
Outer diameter: 2 1/2", 4 1/2"
Inner diameter: 1 1/4"

Avg. Efficiency: 90%

Pressure drop diagram for 5", 30", 40" cartridges

Pressure drop diagram for 10" cartridges (including 10" Big Blue®)

Pressure drop diagram for 20" cartridges (including 20" Big Blue®)

Filter Cartridge lifetime based on contamination level of potable water.

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