



# PP-FC

## NOMINAL POLYPROPYLENE DEPTH FILTER ELEMENTS

fits Donaldson Housings P-FG, P-PT

Process Filtration

**Melt blown polypropylene depth filter elements are an exceptional value for general applications where economical filtration is required.**

Donaldson® PP-FC depth filter elements are produced with proprietary melt blown microfiber technology using high purity polypropylene filter media that allows for exceptional dirt-holding capacity.

The PP-FC uses a graded density filter matrix—lower density at the surface of the filter with progressively higher density toward the center—which captures particles throughout the entire filter depth. This translates to longer life and fewer changeouts, making the PP-FC a great alternative to string-wound or resin-bonded filters.



PP-FC

## APPLICATIONS

The Donaldson PP-FC element is designed and developed for the following industries and applications:

- Potable water filtration
- Chemical filtration - wide chemical compatibility
- RO membrane pre-filtration, spray nozzle protection and cleaning
- Cooling towers
- Oil and gas process water
- Pulp and paper processing
- Trap filter for activated carbon
- Trap filter for sand
- Process water
- CIP water
- Distilled spirits
- Sediment retention for municipal wells

## SPECIFICATIONS

MATERIALS		CFR TITLE
Filter Media	Polypropylene	177.1520
End Cap (if applicable)	Polypropylene	177.1520
Gasket/O-Ring (if applicable)	EPDM (alternate material available upon request)	177.2600
Spring (if applicable)	Polypropylene	177.1520

DIMENSIONS	
Nominal Diameter	2.5"
Nominal Length	10", 20", 30", or 40" (alternate lengths available upon request)
Media Surface Area	0.61 ft <sup>2</sup> per 10" in length

## SPECIFICATIONS

### AVAILABLE MICRON RATINGS

1, 3, 5, 10, 20, 30, 50, and 75 microns

### MAXIMUM TEMPERATURE

140° F

### END CAP CONFIGURATION

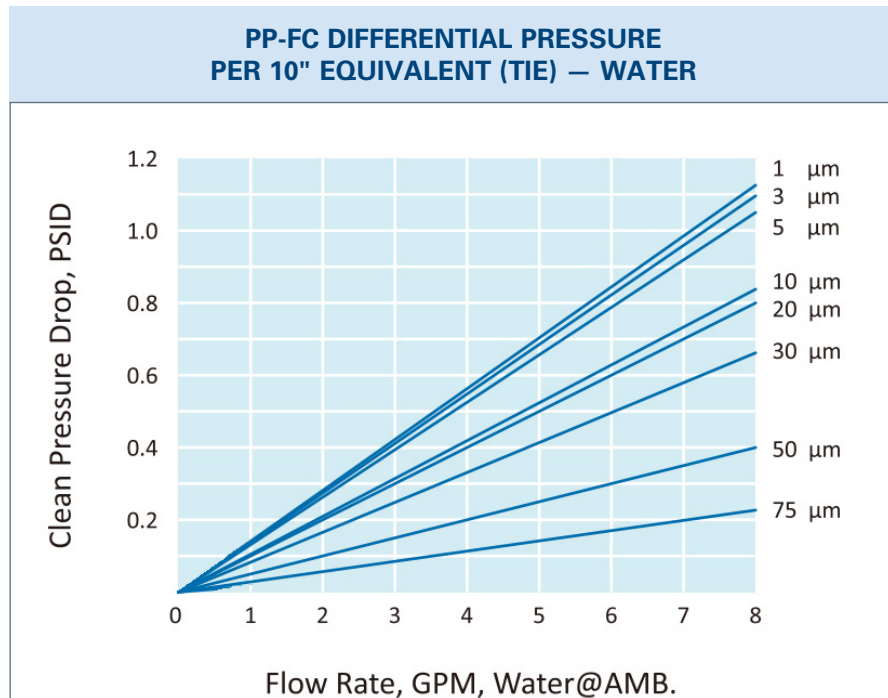
Double Open End with Gasket, Plain End, Code 7, Spring End

### RECOMMENDED FILTER CHANGE INTERVAL

35 psig differential pressure

### FDA/NSF COMPLIANCE

The filter elements are free of surfactants, binders and adhesives. They are manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations. The filter element was NSF 42 tested and certified.



The PP-FC Series is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.

COMPONENT

Registered:



[donaldson.com/process](https://donaldson.com/process)

Donaldson Company, Inc.  
Minneapolis, MN

Contact us



**Important Notice:** Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, specifications, availability and data are subject to change without notice, and may vary by region or country.

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