



## PP-FC 100

### ABSOLUTE MELT BLOWN 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 100 absolute depth filter elements are produced with proprietary melt blown microfiber technology using high purity polypropylene filter media. Our melt blown formula allows for exceptional dirt-holding capacity.

The PP-FC 100 uses an absolute 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 higher efficiencies, longer life and fewer change outs, making the PP-FC 100 a great alternative to string-wound and nominal melt blown elements.



PP-FC 100

## APPLICATIONS

The Donaldson PP-FC 100 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"<br>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

### END CAP CONFIGURATION

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

### MAXIMUM TEMPERATURE

167° F

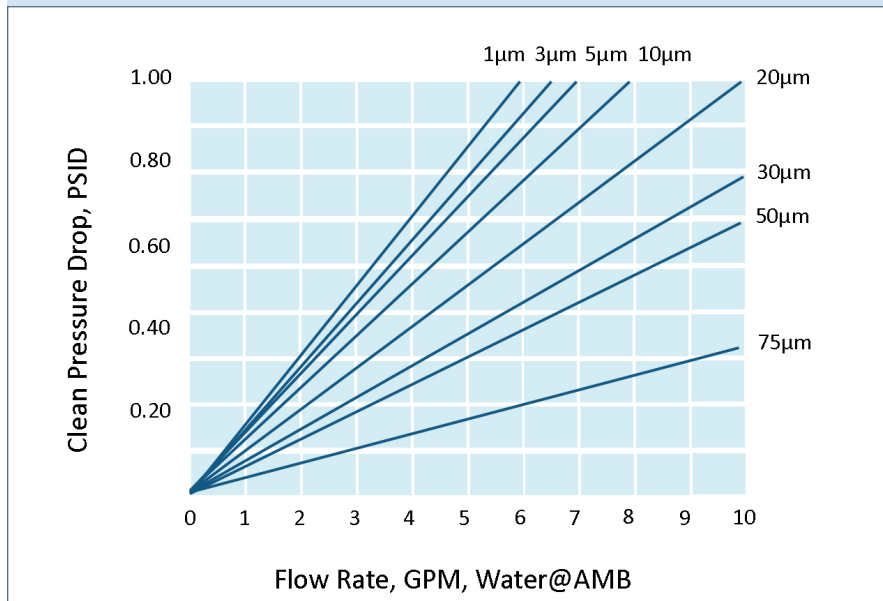
### RECOMMENDED FILTER CHANGE INTERVAL

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.

### PP-FC 100 DIFFERENTIAL PRESSURE PER 10" EQUIVALENT (TIE) — WATER



The PP-FC 100 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



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