



## PP-FC 100 ABSOLUTE MELTBLOWN

### DEPTH FILTER ELEMENTS

Compressed Air & Process Filtration

**Donaldson's meltblown polypropylene depth filter elements are an exceptional value for general applications where economical filtration is required.**

Donaldson PP-FC 100 absolute meltblown elements are produced with proprietary meltblown microfiber technology using 100% pure polypropylene filter media. Our meltblown 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 meltblown 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
- Plating baths
- Amine filtration
- RO membrane prefiltration, spray nozzle protection and cleaning
- Cooling towers filtration
- Oil & gas process water
- Pulp & paper processing

## SPECIFICATIONS

MATERIALS		CFR TITLE
Filter Media	Polypropylene	177.1520
End Caps and Adapters	Polypropylene	177.1520
O-ring (if applicable)	EPDM (alternate material available upon request)	177.2600
Spring (if applicable)	Polypropylene	177.1520

DIMENSIONS	
Nominal Diameter	2.5" (6.4 cm)
Nominal Length	10", 20", 30", or 40" (Alternate lengths available upon request)

MAXIMUM TEMPERATURE
140°F

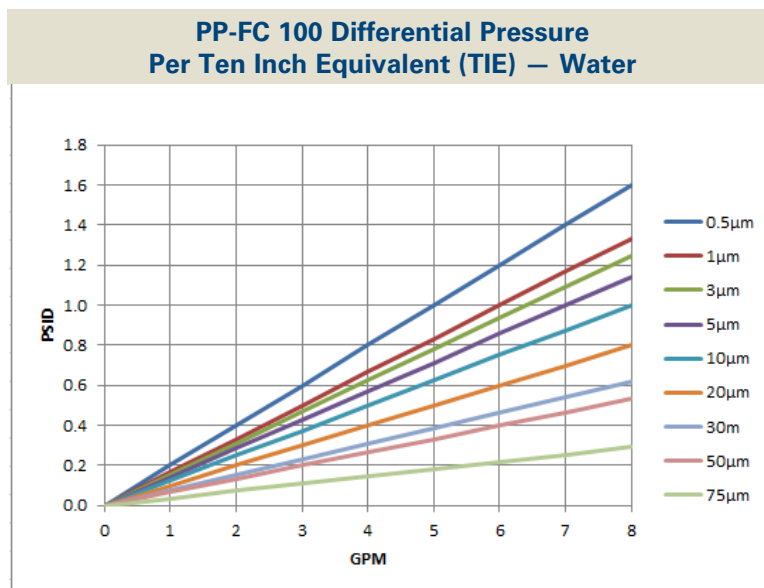
AVAILABLE MICRON RATINGS
0.5, 1, 3, 5, 10, 20, 30, 50, and 75 microns

RECOMMENDED FILTER CHANGE INTERVAL
35 PSIG differential pressure

END CAP CONFIGURATION
Double Open End with Gasket, Plain End, Code 7, Spring End

**FDA / NSF COMPLIANCE**

Donaldson certifies that it uses no resin binders, lubricants, antistatic or release agents or other additives in the manufacture of these filter elements and that the resin used for manufacturing the filter media meets the food contact requirements of U.S. FDA 21 CFR regulations. All filter materials are NSF certified.



Donaldson Company, Inc.  
Compressed Air and Process Filtration  
PO Box 1299  
Minneapolis, MN  
55440-1299 U.S.A.

Tel 800-543-3634 (USA)  
Tel 800-343-3639 (within Mexico)  
Fax 952-885-4791  
processfilters@donaldson.com  
donaldsonprocessfilters.com

