

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 100% pure 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
- RO pre-filtration
- Chemical filtration - wide chemical compatibility
- Plating baths
- Amine filtration
- RO membrane prefiltration, spray nozzle protection and cleaning
- Cooling towers
- Sediment retention for municipal wells
- Oil and gas process water
- Pulp and paper processing

SPECIFICATIONS

MATERIALS		CFR TITLE	DIMENSIONS	
Filter Media	Polypropylene	177.1520	Nominal Diameter	2.5" (6.4 cm)
End Cap (if applicable)	Polypropylene	177.1520	Nominal Length	10", 20", 30", or 40" (alternate lengths available upon request)
Gasket/O-Ring (if applicable)	EPDM (alternate material available upon request)	177.2600		
Spring (if applicable)	Polypropylene	177.1520		

AVAILABLE MICRON RATINGS

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

MAXIMUM TEMPERATURE

140°F

END CAP CONFIGURATION

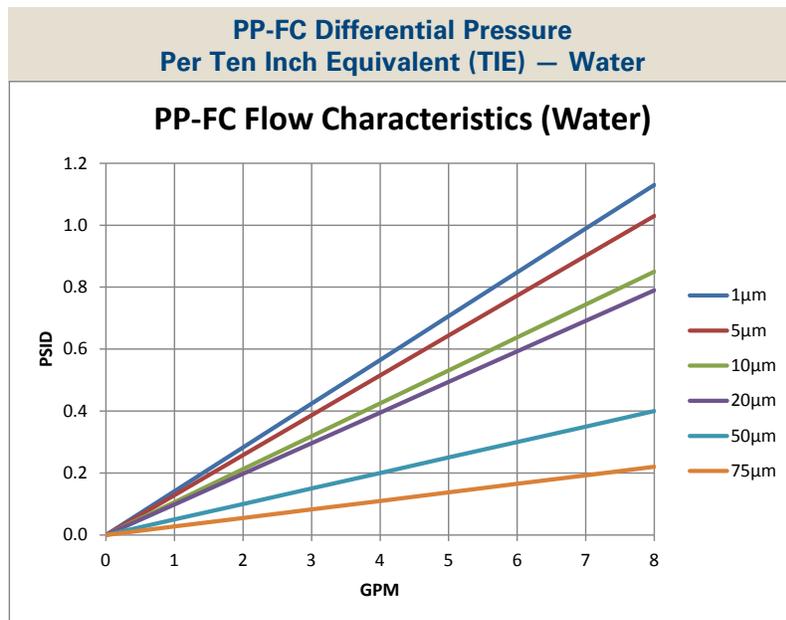
Double Open End with Gasket, Plain End, Code 7, Spring End

RECOMMENDED FILTER CHANGE INTERVAL

35 psig differential pressure

FDA/NSF COMPLIANCE

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.



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.



Donaldson Company, Inc.
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



F117014 (04/17) ENG PP-FC Nominal Polypropylene Depth Filter Elements
© 2007 Donaldson Co., Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Company, Inc.
All other marks belong to their respective owners.
{Contains Donaldson proprietary technology.}