Donaldson
FILTRATION SOLUTIONS

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 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
- Spray nozzle protection and cleaning
- Cooling towers
- Sediment retention for municipal wells
- Oil and gas process water
- Pulp and paper processing
- Trap filter for activated carbon
- Trap filter for sand
- Process water
- CIP water
- Distilled spirits

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	6.4 cm (2.5")
Nominal Length	254, 508, 762 or 1016 mm (10", 20", 30", or 40") (alternate lengths available upon request)
Media Surface Area	0.06 m^2 (0.62 ft^2) per 254 mm (10") in length

SPECIFICATIONS

AVAILABLE MICRON RATINGS

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

MAXIMUM TEMPERATURE

60° C (140° F)

END CAP CONFIGURATION

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

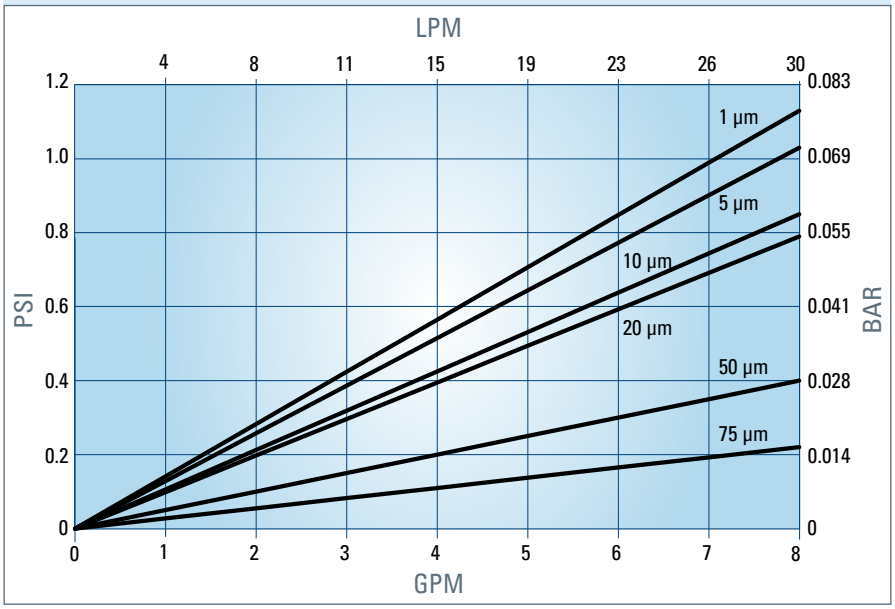
RECOMMENDED FILTER CHANGE INTERVAL

2.41 bar (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.

PP-FC DIFFERENTIAL PRESSURE PER 254 MM (TEN INCH) EQUIVALENT (TIE) — WATER



Registered:

Quality Management System 9001:2008 ISO

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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