



Donaldson
FILTRATION SOLUTIONS

PP-FC

DEPTH FILTER ELEMENTS

Compressed Air & Process Filtration

Meltblown 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 meltblown 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.

APPLICATIONS

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

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



PP-FC

SPECIFICATIONS

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

DIMENSIONS	
Nominal Diameter	2.5" (6.4 cm)
Nominal Length	10", 20", 30", or 40"

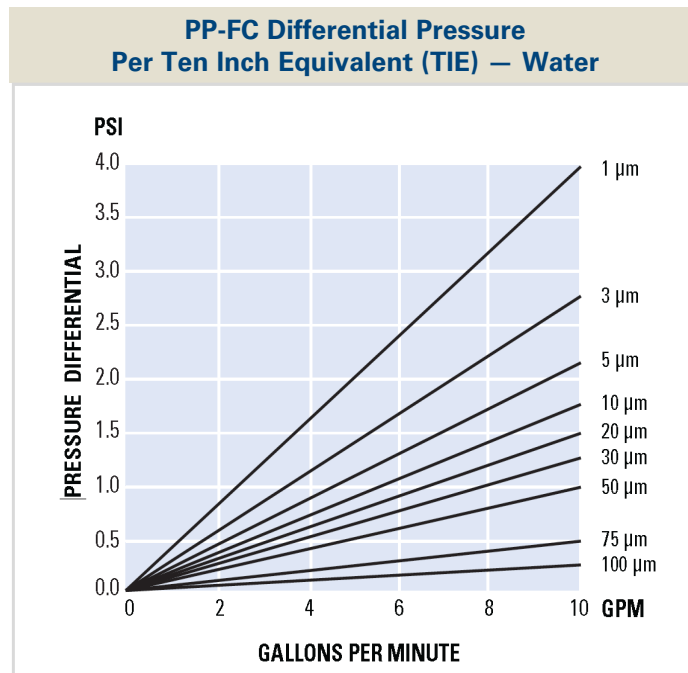
MAXIMUM TEMPERATURE
140°F

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

RECOMMENDED FILTER CHANGE INTERVAL
20 PSIG differential pressure

FDA 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.



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