

# Fuel Filter

## FOW Series for Solids Removal Only

Provide Protection Against Solids in Pre-mixed Fuel  
Containing Anti-Icing Additive

### DESCRIPTION

The Parker Velcon FOW cartridges are designed to provide superior performance and reliability in standard fuel filter housings through a unique combination of media that removes solids that may be present in the fuel, and provides for reduced static charge.

The cartridges have injection molded endcaps that are bonded to the media with an O-ring seal on the mounting nozzle.

As the cartridge removes dirt from the influent fuel there will be an increase in the differential pressure along with a decrease in flow rate. These changes are the result of flow restriction caused by dirt accumulation within the media. Cartridge changeout frequency will depend on the volume of solid contaminants present.

The FOW Series Cartridges incorporate features that quickly dissipate electrostatic charge across the cartridge. This is in response to the new requirement by industry to reduce static charge within the filter monitor.

### FEATURES

- CONDUCTIVE END CAPS and end cap adhesive reduce static charge within the vessel.
- O-RING SEAL minimizes the possibility of bypassing contaminated fuel.
- RUGGED CONSTRUCTION provides collapse strength exceeding 175 psi differential pressure.
- Recommended changeout: 25 psid
- One-half (1/2) micron filtration rating
- Can be used in fuels containing anti-icing additives (DIEGME, FSII, Prist®)
- Designed and tested to EI1599 Specifications



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## SPECIFICATIONS AND TECHNICAL INFORMATION

- Collapse strength:  
175 psid (12 bar)
- 250°F (121.1°C) maximum operating temperature
- Recommended changeout differential pressure: 25 psid
- Daily draining of monitor vessel and of water bottoms upstream of the elements is IMPERATIVE.
- For service life information, please refer to Operating Procedures or consult your company fuel handling procedures.

## ORDERING INFORMATION

- Specify Model Number from table below.
- Cartridges are packaged 20 per carton.

Epoxy Bonded  
Conductive Plastic  
Endcaps

High Strength  
Plastic Center Core

Fine Filter Media

Protective Outer  
Wrap



**CARTRIDGE SELECTION TABLE - FOW SERIES**

Cartridge Flow Rate (USGPM)	Model Number	Overall Length (Inches)	Dimensional Replacements for:		
			CDF® (E, K, N or P Series)	Facet Model Number	Faudi Model Number
5	FOW-205	5 <sup>13</sup> / <sub>16</sub>	CDF-205	FG-205 (-3, -4, or -6) GNG-205	M.2-134 (1/4, 1/2 or 3/4)
10	FOW-210	10 <sup>13</sup> / <sub>16</sub>	CDF-210	FG-210 (-3, -4, or -6) GNG-210	M.2-261 (1/4, 1/2 or 3/4)
15	FOW-215	15 <sup>13</sup> / <sub>16</sub>	CDF-215	FG-215 (-3, -4, or -6) GNG-215	M.2-387 (1/4, 1/2 or 3/4)
20	FOW-220	20 <sup>13</sup> / <sub>16</sub>	CDF-220	FG-220 (-3, -4, or -6) GNG-220	M.2-515 (1/4, 1/2 or 3/4)
25	FOW-225	25 <sup>13</sup> / <sub>16</sub>	CDF-225	FG-225 (-3, -4, or -6) GNG-225	M.2-642 (1/4, 1/2 or 3/4)
30	FOW-230	30 <sup>13</sup> / <sub>16</sub>	CDF-230	FG-230 (-3, -4, or -6) GNG-230	M.2-770 (1/4, 1/2 or 3/4)



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