Parker Racor industrial FP microfilters utilize proven and established cellulose media technology providing end users with a low cost, effective, and efficient dirt removal. FP filters are typically employed in bulk fuel distribution systems to protect and prolong the life of water removal coalescers.

With filter ratings from 1 to 25 microns, FP filters can be used to remove particulate contamination in traditional diesel fuel, mixtures of biodiesel, and other petroleum distillates. FP series filters are not API/EI qualified for use in airports for jet fuel filtration.

FP Microfilters are designed for particulate removal, they are installed to protect expensive downstream coalescer filters, and system components. Available in many configurations to suit a wide variety of applications and fits many competitor vessels.

FP microfilters improve fuel cleanliness and can provide fuel quality the meets engine OEM and World Fuel Charter requirements.

Product Features:

- Protects downstream coalescers and system components
- Out to In flow direction
- Large surface area
- Standard end-cap offering
- High efficiency particulate removal
- Cost effectiveness
- Low Initial Pressure Drop
- Replaces competitors filters
- Long filter life
- Outer wrap available for back flow protection
- Viton® seals and gaskets are standard for compatibility with a wide range of fluids

Note: Viton is a registered trademark of DuPont®.
How To Build A Part Number

FP - 28 6 04 - S

Filter Paper Pleated
Element Length (inches)¹
Element Diameter (inches)
Nominal Micron Rating
01 - 1 Micron
04 - 5 Micron
05 - 10 Micron
07 - 25 Micron
End Cap Configuration:
S - Single Open End
Element Wrap:
W3 - Perforated Metal Outer Wrap
W5 - Perforated Oil Board Outer Wrap

¹Filter length is nominal of the media pack and does not represent the overall filter length. Depending on the end-cap configuration, the nominal overall filter length will be an additional 0.625 to 1.000 inches in length.

Torque Specifications

- Element Yoke
- Rubber Gasket Washer
- Flat Metal Washer
- Metal Lock Washer
- Hex Nut
- 10 ft lbs Knife Edge Seal
- 15 ft lbs Flat Seal

Technical Specifications

<table>
<thead>
<tr>
<th>Micron</th>
<th>1, 5, 10, and 25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Direction</td>
<td>Outside to Inside</td>
</tr>
<tr>
<td>Change-out Pressure</td>
<td>15 PSID (1.03 bar)</td>
</tr>
<tr>
<td>End Caps</td>
<td>Glass Filled Nylon</td>
</tr>
<tr>
<td>Ambient Temperature Range</td>
<td>-40° to +160°F (-40° to +71°C )</td>
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<tr>
<td>Maximum Temperature Range</td>
<td>190°F (88°C)</td>
</tr>
<tr>
<td>pH Range</td>
<td>5 to 9</td>
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</tbody>
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For Information:
See brochure 7537 for information on the complete line of Racor hydrocarbon products.
See brochure 7648 for information on filtration solutions for fuel dispensing applications.

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