Screen Fittings
Valuable added protection for critical components and applications

The World Standard
Ensure the final measure of protection against particles.

Particles can find their way into a system (even a properly filtrated one) during installation, maintenance, failure of components or by other means. Critical and valuable components need one last line of defense against potential damage from contamination.

That’s where Parker screen fittings provide a vital safeguard. Implemented in addition to your filtration system, they provide “protection at the connection,” retaining particle sizes from 480 to 65 microns, depending on the screen rating.

Parker screen fittings are ideal for protecting:
- Gauges and instrumentation
- Critical hydraulic components such as pump compensator controls, load sensing controls, proportional valves, relief valves, etc.
- Precision orifices from clogging
- Expensive components in test bench circuits (against particle contamination created by failed components)

Meticulous construction, testing and ratings.

Highly suitable for either hydraulic or pneumatic applications, Parker screen fittings are constructed with stainless-steel screen elements and are available in:
- Standard fitting configurations, in sizes -4 through -12 (size -4 with basket-style screen; sizes -6 through -12 with dome-style screen)
- Parker Triple-Lok® 37° flare and Seal-Lok™ O-ring face seal types

All have been tested to determine the maximum pressure drop, screen retention and bi-directional flow capacity. Pressure drop graphs for Parker screen fitting sizes (shown on right) and nominal micron ratings (shown left) are provided.

We’re ready, down to the detail, to help you right now.

For more information on Parker screen fittings and assistance in ordering, call 1-800-C-PARKER. Talk with the experts on how best to protect your system.
How to Order

6 F5OX-S 1SF100 V0894

6 F5OX-S        Parker base part number
1               Desired end for screen element installation.
SF              Screen Fitting
100             Nominal micron rating desired
V0894           Seal material designator if applicable or different from standard N0552 Buna material.

This numbering system is being used for our standard offering of screen fittings, but it can also be utilized for designating screen elements in other fittings and adapters, including custom products. Use end designation per SAE J846 or TFD catalog 4300.

Standard from Stock

Screen fittings are being offered as standard in sizes -4, -6, -8, -10 and -12 and in the following configurations:

<table>
<thead>
<tr>
<th>Max Flow</th>
<th>Test Fluid</th>
<th>Fluid test temperature</th>
<th>Flow Rate (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mobil DTE-25</td>
<td>120° F</td>
<td>480MICRON (1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>320MICRON (2)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>230MICRON (3)</td>
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<td></td>
<td>160MICRON (4)</td>
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<td></td>
<td></td>
<td>120MICRON (5)</td>
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<td></td>
<td></td>
<td>100MICRON (6)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>65MICRON (7)</td>
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</table>
Your Complete Source for quality tube fittings, hose and hose fittings, brass fittings and valves, quick-disconnect couplings, and assembly tools, locally available from a worldwide network of authorized stocking distributors and sales offices.

**Fittings & Couplings:**
Available in inch and metric sizes covering SAE, BSP, DIN, GAZ, JIS and ISO thread configurations, manufactured from steel, stainless steel, brass, aluminum, nylon and thermoplastic.

**Hose, Tubing & Bundles:**
Available in a wide variety of sizes and materials including rubber, wire-reinforced thermoplastic, hybrid and custom compounds.

**Worldwide Availability:**
Parker operates Fluid Connectors manufacturing locations and sales offices throughout North America, South America, Europe and Asia-Pacific.

For information, contact the nearest Regional Sales Office listed, or call toll-free 1-800-C-PARKER (1-800-272-7537).

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**Fluid Connectors Group Regional Sales Offices & Service Centers**

**Central Region**  
**Sales Office & Service Center**  
Hiawatha, IA  
(319) 393-1221  
(319) 393-1224 FAX

**Cleveland Region**  
**Sales Office**
Cleveland, OH  
(216) 896-3000  
(216) 896-4022 FAX  
**Service Center**
Toledo, OH  
(419) 878-7000  
(419) 878-7001 FAX

**Great Lakes Region**  
**Sales Office**
Otsego, MI  
(269) 694-2550  
(269) 694-2594 FAX  
**Service Center**
Toledo, OH  
(419) 878-7000  
(419) 878-7001 FAX

**Minneapolis Region**  
**Sales Office & Service Center**
Minneapolis, MN  
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(763) 544-3418 FAX

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**Sales Office & Service Center**
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(609) 586-3149 FAX

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(503) 283-2201 FAX  
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(714) 522-8840  
(714) 994-1183 FAX

**Southeast Region**  
**Sales Office & Service Center**
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(336) 373-1761  
(336) 378-0913 FAX  
**Service Center**
Conyers, GA  
(770) 929-0330  
(770) 929-0230 FAX

**Canada**  
**Sales Office & Service Center**
Grimsby, ON  
(905) 945-2274  
(905) 945-3946 FAX  
(Contact Grimsby for other Service Center locations.)

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