

Screen Fittings

Valuable added protection for
critical components and applications



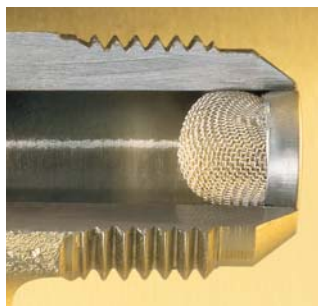
The World Standard

Parker Screen Fittings



Protect the performance and value of critical components with Parker screen fitting elements.

A higher "mesh" number results in more but smaller openings that will allow only smaller particles to pass.



Parker screen elements are rated in terms of "nominal microns." The lower the value, the smaller the particle size that is able to pass.

The nominal micron rating is stamped on the body of each fitting.

Square Mesh Number	Nominal Micron Rating
40	480*
60	320*
80	230
100	165*
150	125
200	100
325	65

*These micron ratings are not available as standard from stock.

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

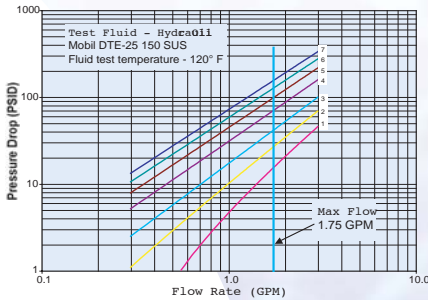
All have been tested to determine the maximum pressure drop, screen retention and bi-directional flow capacity. Pressure drop graphs for Parker screen fitting sizes (shown on right) and nominal micron ratings (shown left) are provided.

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

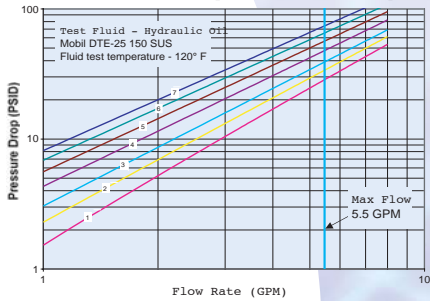
For more information on Parker screen fittings and assistance in ordering, call 1-800-C-PARKER. Talk with the experts on how best to protect your system.

Fittings

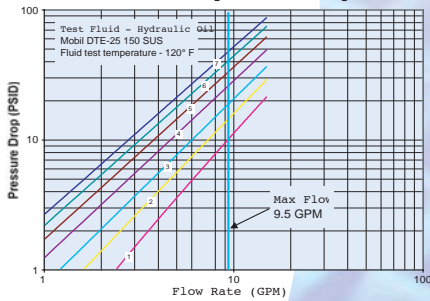
4 F50X Screen Adapter Pressure Drop vs. Flow



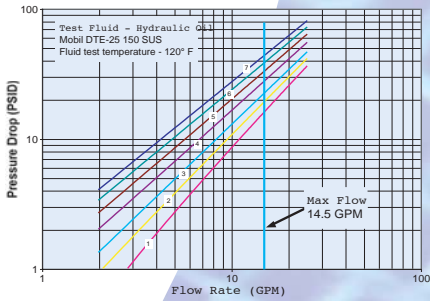
6 F50X Screen Adapter Pressure Drop vs. Flow



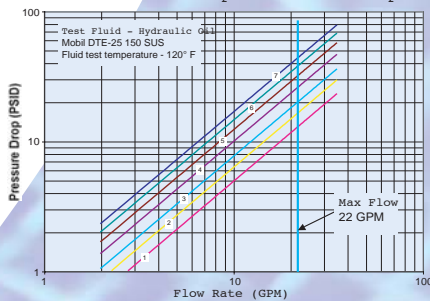
8 F50X Screen Adapter Pressure Drop vs. Flow



10 F50X Screen Adapter Pressure Drop vs. Flow



12 F50X Screen Adapter Pressure Drop vs. Flow



- 480MICRON (1)
- 320MICRON (2)
- 230MICRON (3)
- 165MICRON (4)
- 125MICRON (5)
- 100MICRON (6)
- 065MICRON (7)
- Max Flow

Refer to TFD catalog 4300 for pressure drop data through standard fitting without screen.

How to Order

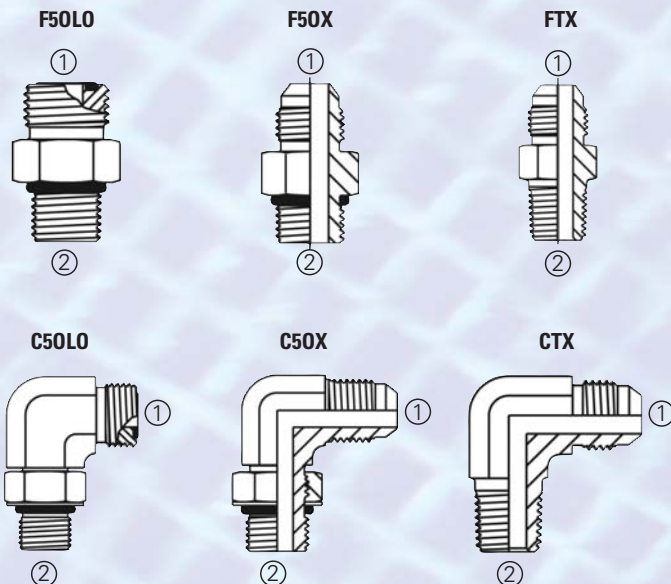
6 F50X-S 1SF100 V0894

- 6 F50X-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:



The World Standard

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).

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
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(419) 878-7001 FAX

**Minneapolis Region
Sales Office & Service Center**

Minneapolis, MN
(763) 513-3535
(763) 544-3418 FAX

**Northeast Region
Sales Office & Service Center**

Trenton, NJ
(609) 586-5151
(609) 586-3149 FAX

**Pacific Region
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Portland, OR
(503) 283-1020
(503) 283-2201 FAX

Service Center

Buena Park, CA
(714) 522-8840
(714) 994-1183 FAX

**Southeast Region
Sales Office & Service Center**

Greensboro, NC
(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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