

Seal-Lok™ Lite

Introducing the compact,
high-flow tube fitting.



The World Standard

Parker Seal-Lok

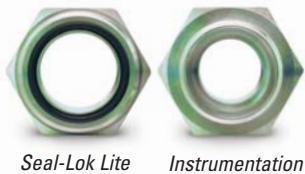


From assembly to performance, this fitting has all the convenience and qualities of Seal-Lok – plus flexible tube (FlexFlange) adaptability.



Clearly compact: In addition to shorter threads on the ORFS end, Seal-Lok Lite port studs and their reduced thread lengths are easy to see, versus those of instrumentation or traditional hydraulic-grade fittings.

The flow diameter difference is very apparent, as shown here between Seal-Lok Lite and the instrumentation-grade fitting.



Compact, high-flow and convenient – with all the reliability of Seal-Lok™

Now, for high flow at low- to medium-pressure applications, there's a remarkably compact, reliable solution – Parker's stainless-steel Seal-Lok Lite fitting.

With all the benefits of traditional Seal-Lok (SAE J1453) fittings, new Seal-Lok Lite is adaptable to Parker Flexflange™ and similar light-duty flexible corrugated stainless-steel tube. This makes it ideal for wet or dry hydrogen gas conveyance in fuel cell systems, semiconductor cooling as well as general-purpose, light-duty industrial applications. Seal-Lok Lite also works with flexible hose interfaces and, of course, rigid (hard-line) O.D. metallic tube.

The size and shape of the Seal-Lok Lite advantage.

Compared with instrumentation-grade and traditional industrial hydraulic fittings, the difference is easy to see. Seal-Lok Lite features shorter threads on the ORFS (O-ring face seal) and SAE-ORB (light-duty) ends and NPT (PTF-short) stud ends.

Another beneficial difference is the flow diameter, which is significantly greater than that of same-size traditional, instrumentation and other designs, which enables high flow in a more compact fitting.

Leak-free performance – plus Parflange® ability.

This stainless-steel (316) fitting features the Seal-Lok captive O-ring groove seal design for long-lasting, leak-free performance. In addition, existing Parflange® stainless-steel tooling, equipment and sleeves can be used in making Seal-Lok Lite to hard-line metallic or flex tube connections – eliminating the need to weld or braze the sleeve to the tube end.

Lite

The total Seal-Lok Lite solution brings you:

- Compact system compared with instrumentation/traditional hydraulic-grade fittings
- High flow area with smaller fitting envelope
- Adaptability to inch/metric tube and hose connections
- Convenient use of existing stainless-steel Parflange tooling, equipment and sleeves
- Parflange process which is several times faster than most welding or brazing methods, saving costly assembly time
- Seal-Lok style captive O-ring seal groove for positive O-ring retention and a leak-free connection
- A zero-clearance fitting system for tight installations
- Fitting assembly by torque method for consistent assembly

To learn more, or bring Seal-Lok Lite to your high-flow, low/medium system pressure applications now, call 1-800-C-PARKER.



High flow, compact design, leak-free reliability: Seal-Lok Lite makes a world of sense for today's low/medium-pressure fluid conveying applications including fuel cell systems and semiconductor manufacturing.



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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**(Contact Grimsby for other
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