

PRODUCT SPOTLIGHT

The latest from Parker, still your fitting authority.

Seal-Lok™ Lite

the compact, high-flow tube fitting

For high flow at low- to medium-pressure applications, such as fluid conveyance in fuel cell systems and semiconductor manufacturing, Parker's stainless steel Seal-Lok Lite fitting provides a remarkably compact, reliable solution:

- Shorter thread lengths and larger flow diameter than instrumentation-grade and traditional industrial hydraulic fittings
- The assembly and leak-free performance advantages of Seal-Lok ORFS (SAE J1453)
- Adaptable to Parker Flexflange™ and similar light-duty flexible corrugated stainless steel tube, flexible hose interfaces, as well as hard-line metallic tube
- Parker Parflange® method can be used, saving time and cost
- Torque method can be used, assuring more consistent assembly



Seal-Lok Lite flow diameter
Instrumentation flow diameter



Seal-Lok Lite thread lengths
Instrumentation thread lengths

Seal-Lok™ H₂ Fittings & Adapters

for onboard hydrogen and CNG fuel systems

In today's efforts to maximize fuel cell vehicle driving range, Seal-Lok with enhanced H₂ technology fulfills a key role. This "Parker Exclusive" series offers the industry's only O-ring face seal (ORFS) type and positionable fitting approved for 700-bar (10,000 psi) hydrogen service*. The full range of these stainless steel fittings and adapters is:

- Specifically designed with an enhanced sealing arrangement and approved O-ring compounds for on-board vehicle hydrogen storage and delivery systems
- Also approved for on-board vehicle compressed natural gas (CNG) storage and delivery up to 350 bar (5000 psi).**
- Designed with Parker's new H₂ stud and H₂ port – which is compatible with standard SAE connectors



*Series meets the requirements of E1HP Draft 12b, as tested by TÜV, and is the only fitting with approval for this demanding application.

**Seal-Lok fittings and adapters in both steel and stainless steel material with tested O-ring compound are approved to the ECE R110 regulation and ISO 15500 standard.