

## Seal-Lok™ Fittings & Adapters for onboard hydrogen and CNG fuel systems



**Parker Exclusive**

**The industry's only approved fitting  
for 700 bar (10,000 psi) hydrogen  
service, as tested by TÜV.**

- Full range of stainless-steel fittings and adapters
- Also approved for CNG service up to 350 bar (5000 psi) working pressure
- Features Parker's new SAE compatible H<sub>2</sub> stud and port

# The World Standard



Seal-Lok Fittings and Adapters for onboard hydrogen fuel systems feature approved O-ring compounds, enhanced sealing arrangement (shown left) and Parker's new H<sub>2</sub> stud and port (shown right).



## The fitting of choice for high-pressure hydrogen systems design

In today's vital efforts to maximize fuel cell vehicle driving range, Seal-Lok™ with enhanced H<sub>2</sub> technology now fulfills a key role.

Specifically designed for on-board vehicle hydrogen storage and delivery systems, a full range of Seal-Lok stainless-steel fittings and adapters are approved for applications up to 700 bar. The fittings feature an enhanced sealing arrangement and approved O-ring compounds that meet the demands of high-pressure hydrogen service.

### O-ring options

Part # Suffix	Seal	Compound	Color
Hydrogen:			
H2E	E0893	EPDM	Purple
H2F	V0835	Fluorocarbon	Black
H2N	N1206	Nitrile	Green
<i>example: 8 F5OLO-SS H2E</i>			
CNG:			
CNG	V0835	Fluorocarbon	Black
<i>example: 8 F5OLO-S CNG</i>			

The series meets the requirements of EIHP (European Integrated Hydrogen Project) Revision 12b, as tested by TÜV (Technischer Überwachungs-Verein), giving Parker the only fitting with approval for this demanding application.

## Also for compressed natural gas

In addition, for on-board vehicle CNG storage and delivery systems, Seal Lok fittings and adapters in both steel and stainless-steel material with tested O-ring compound are approved to the ECE (Economic Commission for Europe) R110 regulation and ISO 15500 standard.

## Summing up the total advantage

- Hydrogen service: up to 700 bar (10,000 psi) working pressure
- CNG service: up to 350 bar (5000 psi) working pressure
- Size range: 1/4" to 3/4" (6 mm to 20 mm)
- Enhanced sealing arrangement for higher pressures, including three approved O-ring compounds
- Only ORFS type and positionable fitting approved for 700 bar service
- Features Parker's new H<sub>2</sub> stud and port – H<sub>2</sub> port is compatible with standard SAE connectors

**For details and complete list of approved Parker fittings, contact your Parker regional sales office or call toll free 1-800-C-PARKER (1-800-272-7537).**



**Parker Hannifin Corporation**  
Tube Fittings Division  
3885 Gateway Blvd.  
Columbus, Ohio 43228  
Telephone: (614) 279-7070  
Fax: (614) 279-7685  
www.parker.com/tfd

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