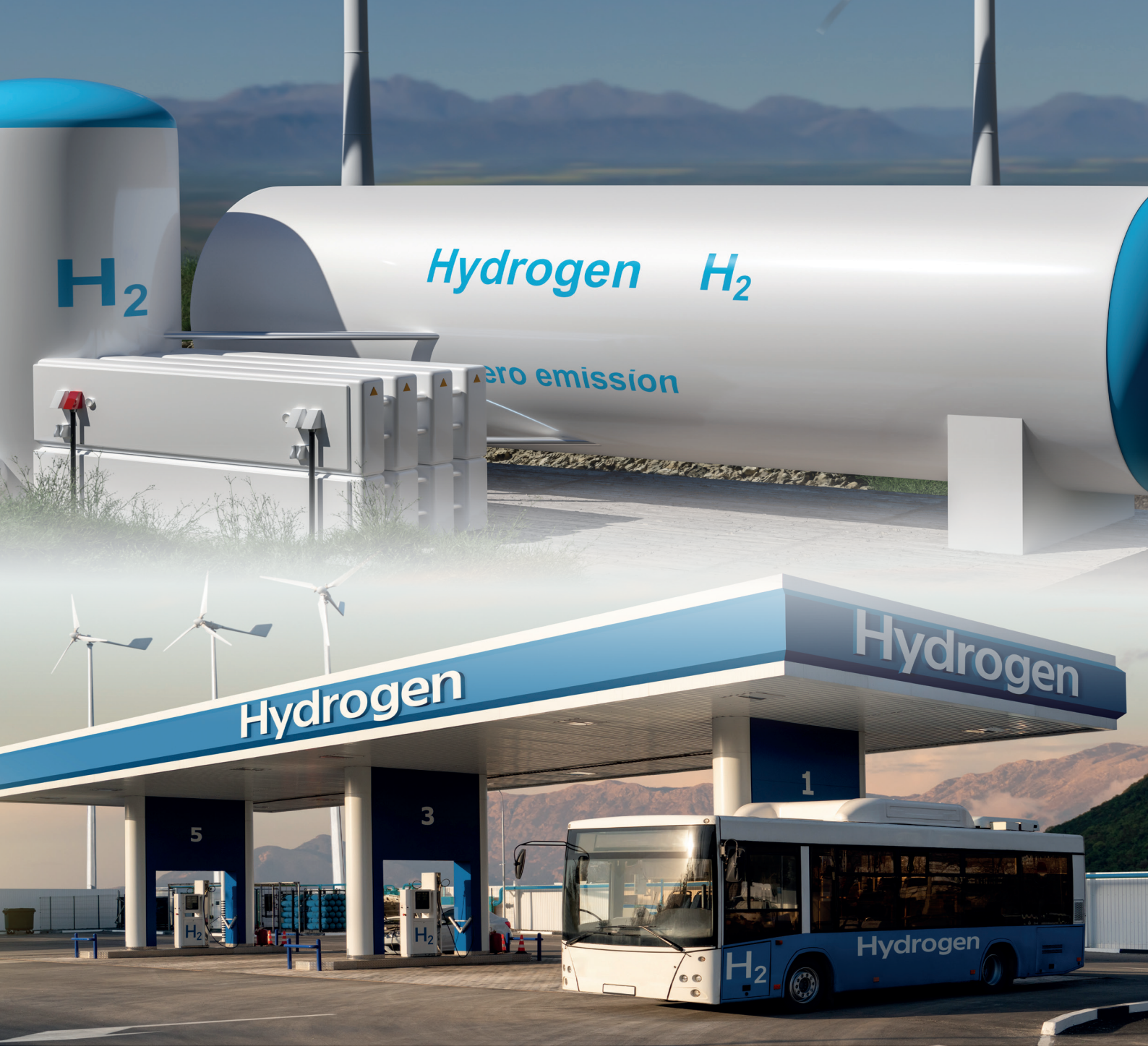


Fluid Connectors Solutions for Hydrogen Applications

Parker

ENGINEERING YOUR SUCCESS.

Fluid Connectors Solutions for Hydrogen Applications

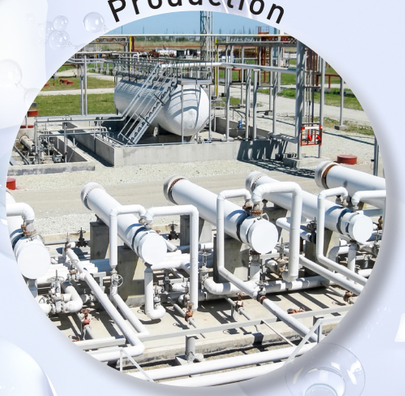
Complete offer for end-to-end applications

2440P-04 Hose

- Up to 1.035 bar pressure (Pressure Class H70)
- Temperature from -40°C to 85°C
- Robust design for extended life cycle at fuel stations
- Tight bend radius
- High kink resistance

view product online

Production



LIQUIfit® Push-In Fittings with Metal Adaptor and Cartridges

- Up to 10 bar pressure
- Temperature from -10°C to 95°C
- Compactness for space savings
- Water and H2 compatible

SCP04 Pressure Transmitter

- Up to 1.000 bar pressure
- Temperature from -40°C to 105°C
- Vaccum-tight and elastomer-free
- One piece design/ Low permeability
- Special hydrogen ports
- EC79 pending

view product online

Storage

LF 3800 Push-In Fittings

- Up to 30 bar pressure
- Temperature from -25°C to 150°C
- Full stainless steel product
- Aggressive fluids and H2 compatible

Dispensing

O-Lok® H22/H2P Tube fittings

- Up to 700 bar
- Temperature from -55°C to 85°C
- EC79 approved
- Good vibration resistance
- Resistant against explosive decom-pression
- Reliability of SAE J1453 O-Ring Face Seal (O-Lok®) connections

Non-welded flange Parflange® F37

- Up to 60 bar pressure
- Tube wall thickness up to 9 mm
- Weld-free tube forming
- Various sealing materials available
- Easy, fast and repeatable machine forming and assembly on-site

Transport

Series 200 Couplings

- Up to 15 bar pressure
- Temperature from -15°C to +200°C
- Full stainless steel product
- Non-spill dry-break couplings
- Water, O2 and H2 compatible

Pipes, clamps and ball valves

- Ball valves with different sealing concepts
- Pipes in various materials, surfaces and sizes
- Pipe clamps, including those made of special materials for flame protection

On-Board

PA TUBING

- Up to 30 bar pressure
- Temperature from -40°C to +100°C
- Water and H2 compatible

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