



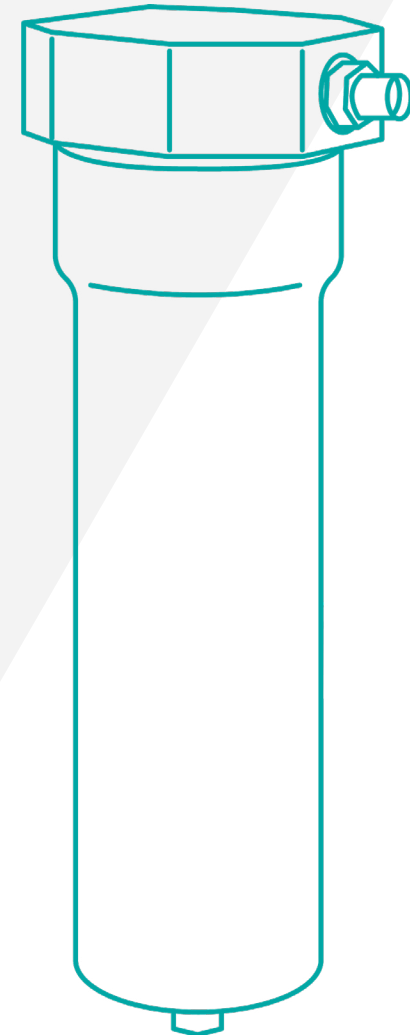
WORTHINGTON
ENTERPRISES



PTEC COALESCENCE FILTER

Your vehicle's fuel cells depend on hydrogen purity. Choose PTEC Coalescence Filter to keep your fuel system running clean.

Hydrogen-fueled mobility is evolving fast. Whether you need to catch up, keep pace, or get ahead, we can help. We lead the market with compressed H₂ containment solutions for storage, transport, and on-board fueling systems. From hydrogen refueling stations to storage and transport containers, from cars to buses and trucks, our type 1-4 cylinders, cylinder systems, and gas-street components help your sustainable mobility program move full speed ahead.



Engineered in Germany

Catch 99.99% of particles and aerosols with **PTEC Coalescence Filters**. We design our coalescence filters according to your specifications – so your vehicle's fuel system stays safe, clean, and easy to maintain.



Durable



Lightweight



Design



Innovation



Long Range

Absorption: 99.99% particle size of 0.3 μm , aerosol

H2 flowrate: min. 115 kg/h, (@35 MPa, 15° C)

H2 flowrate: min. 20 kg/h, (@0,8 MPa, 15° C)



All seals designed for **compressed H2**

Reliable in **fueling** and **operation**

Inlet / outlet: tailored to customer specifications

Compact, low-weight design

Maintenance: replace filter cartridge every two years

Operating pressure: 0 - 70 MPa

Operating temperature: -40 °C - +85 °C

EC 79 Certifications

Tightness: < 5 x 10⁻⁵ mbar l/s, 20 °C, 100% He

Aperture diameter: 7.5 mm

Corrosion-resistant, stainless steel

