H_2 Filter

Filtration Products for Fuel Cell EVs

PARKER HYDROGEN

Hydrogen innovation products by Parker Filtration, Enabling Engineering Breakthroughs that Lead to a Better Tomorrow.

The PEMFC system brings several challenges with it since it requires a high-level cleanliness for both the Hydrogen and Air streams.

The Fuel Cell anode is very sensitive to impurities thus a high-level purity Hydrogen is required not to deteriorate the fuel cell stack.

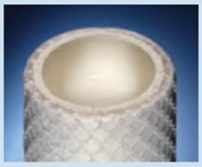
Parker H_2 filters will remove the particles and coalesce liquids from the H_2 stream and can be used as a safety measure to protect the system.

- **30 years of experience/development of gas filtration**
- **Design optimized for automotive market**
- **Coalescing and particle retention filtration**
- **Wide range of filtration types**

Specification:

- **Filtration efficiency: 99.99% @ 0.3 microns**
- **Working Pressure: Rated to 55 bar**
- **Material: Stainless Steel**

Coalescing Elements
(removal of liquids and particulate)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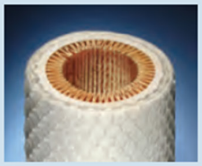
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