



Product Application Guide

AVHPseal® for Hydrogen Valves



Application

Sealing a hydrogen valve can create a lot of challenges:

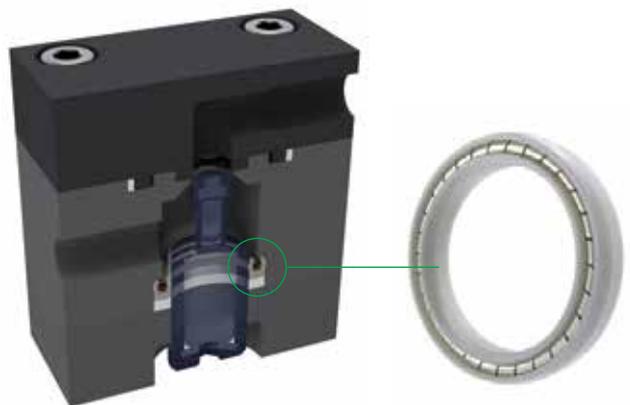
- Low temperatures performance
- High pressure
- Pressure drops
- TPED certified
- Rotatory and translational movement possible

Our Added Values

- Specific material development
- Spring loaded design
- Up to 1.050 bar operating pressure
- Range temperature -200/90 °C
- Quick prototyping
- RGD and Ammonia tested

Product Description

With unique material, seal and spring design, this **Sealing Ring** in UHMW-PE comes as standalone version or as a sealing kit with flange and back up ring. GITIS can provide a complete sealing solution for your hydrogen valve.



Sealing Your Success

Disclaimer: In general, the enclosed information, recommendations or advice are given in a good faith. GITIS srl gives no warranty that the same results can be obtained in other laboratories using different condition of preparation and evaluation of the samples.
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GITIS specializes in the development, manufacturing and distribution of high-quality O-rings and seals for all applications with special requirements regarding temperature and media resistance, service life and product quality. Through innovation, technology and high reliability, **GITIS** has become the reliable partner for markets such as automotive, oil and gas, chemical, food and pharma.

With three plants in Italy and China as well as a development office in Germany, we can implement the experience of 40 years together with our customers in strategic growth sectors.

Sealing Your Success



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