



# Product Application Guide

## EPDM 90 for H2 Valves



### Application Description

Sealing of H2 valves is often challenging:

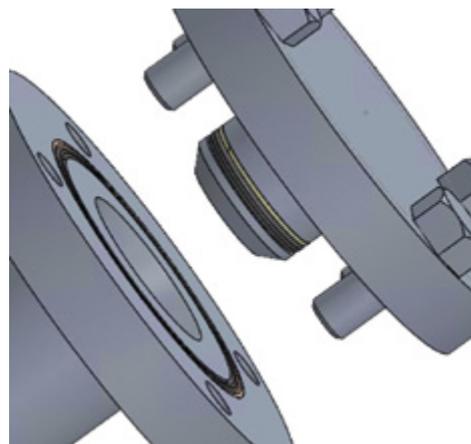
- Low temperatures
- High pressures combined with rapid pressure drops
- Testing required (TPED, ECE R134 etc.).

### Our Added Values

- Very good low temperature performance (TR10 -48 °C)
- Groove design provided
- Up to 1.050 bar
- Quick prototyping
- RGD tested

### Product Description

- With dedicated sealing material and groove design, this EPDM 90, EBO90ST1 comes as a PFAS free solution for all kind of H2 valves.
- GITIS provides a complete sealing solution including Backup ring.



### 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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