



Product Application Guide

NBR 85 for H2 and low temperature



Application

Sealing of hydrogen or other gaseous media in a very low temperature range is challenging because of

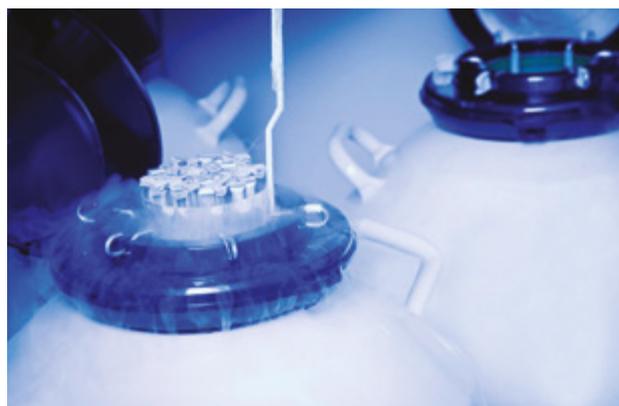
- High pressure up to 1.050 bar
- Low temperature down to -60 °C
- ED compatibility

Our Added Values

- PFAS free - no PFAS material
- RGD tested
- Hydrogen tested
- FEM simulation of the sealing solution
- Quick prototyping
- Full engineering support

Product Description

Our advanced sealing material, NB090LT3, expertly engineered for hydrogen applications and optimized for low temperatures, comes as a PFAS free solution to ensure unparalleled performance in the automotive and industrial most demanding environments.



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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