



La France au Cern

UHV and UHP
Technetics Group
Sealing Expertise

November 18th, 2020

ENGINEERED SOLUTIONS FOR DEMANDING ENVIRONMENTS®

UHV and UHP Sealing Needs

Today, UHV and UHP sealing requirements are more demanding than ever before

Engineered custom sealing solutions for

- Extreme conditions & environments:
 - From ultra high vacuum to high pressures
 - From cryogenic to high temperatures
- Corrosion and erosion resistance
- Materials formulated for every application



Technetics UHV and UHP Sealing Expertise

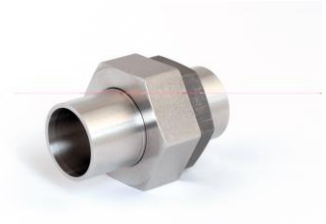
- UHV & UHP sealing solutions for critical applications
- High sealing performance
 - Spring energized metal seals
- Time-saving solutions
 - Sealing systems & subassemblies
 - Clamps
- Leak rate performance: up to 10^{-12} pa.m³/s



HELICOFLEX® , HELICOFLEX® DELTA



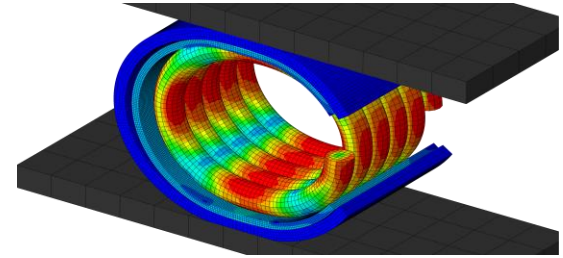
Quick Disconnect System (QDS)



KENOL®

MAESTRAL Sealing Laboratory

- Unique partnership CEA / Technetics
 - Shared patent portfolio
 - Synergies : teams and resources
- Multi-scale scientific approach
- Development of new sealing solutions
- Tests, characterization & simulation



PREST On-Site Sealing Assistance

- Technical expertise support on specific assemblies
- Optimization of installations' reliability
- Assembly assistance in specific environments
- Training



Our References



Istituto Nazionale di Fisica Nucleare
SEZIONE DI FIRENZE



How to contact us ?



Technetics Contacts

www.technetics.com