



HELICOFLEX® TEXEAL®



HELICOFLEX® TEXEAL® TEXTURISED SEAL

Increase the overall sealing performance of your installations with TEXEAL®, the new patented texturing process, applied to HELICOFLEX®, which is already the resilient metal seal standard for high-performance sealing.

HELICOFLEX® TEXEAL® can help reduce operating costs during maintenance. It is a material innovation developed from decades of established sealing expertise.

FEATURES & BENEFITS

- Optimize overall cost of assembly during design phase
- Reduce overall operating cost
- MTBF (mean time before failure) increase
- LCC (life cycle cost) decrease
- Optimize sealing performance without increasing of the tightening force (up to 10-12 Pa.m3.s-1)
- Lower stress on the assembly with the same tightness level
- Maintain sealing performance during thermal cycles
- Adaptable to a wide range of assembly dimensions
- Adaptable to groove sealing surfaces
- Large selection of materials
- Corrosion resistant

APPLICATIONS

- Nuclear Power Generation: reactor pressure vessels closure head, control rod mechanisms (CRDM), reactor coolant pumps (RCP), pressurizers, steam generators, spent fuel casks
- New energies: molten salt & solar plants, SMR
- Semiconductors: chamber, exhaust and other applications in PVD/CVD/etch and lithography processes
- Valves: body/bonnet sealing, seat sealing

To learn more watch our on-demand webinar: <https://link.technetics.com/nVgetH>

Technetics Group Introduces HELICOFLEX® TEXEAL® Critical Sealing Technology

