

RACING INDUSTRY

Technetics Group is a crucial partner in the high-performance racing industry offering critical sealing and component solutions focusing on engine applications. Our innovative solutions are custom-engineered to improve engine performance and reliability. We design our static seals to perform in severe high-temperature and high-pressure service conditions. Racing teams have been able to increase efficiency by reducing friction with our dynamic seals. Furthermore, our material expertise in PEEK components helps improve performance by reducing weight.



BENEFITS OF USING TECHNETICS SEALS

- › High **reliability**
- › **Efficiency** improvement
- › **Low** leak rate
- › **Low** friction

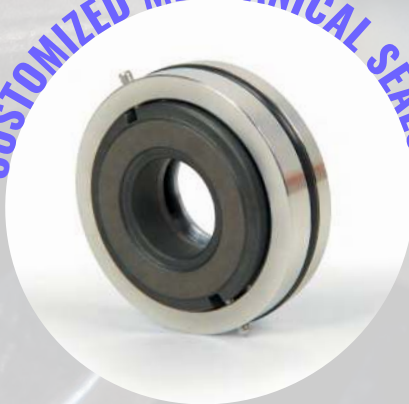
HELICOFLEX® METAL SEALS



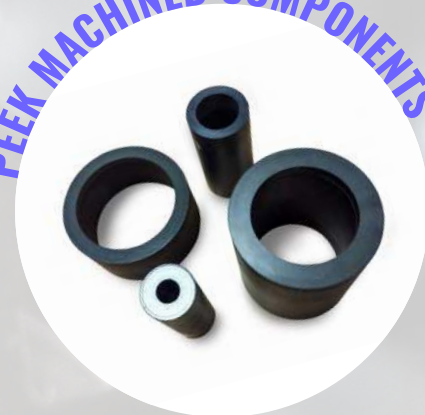
WHY WORK WITH TECHNETICS?

- › **Large product portfolio** to meet critical needs
- › Extensive technical and engineering **expertise** in a wide range of **engine applications**
- › Various **custom design** options for **critical conditions**

CUSTOMIZED MECHANICAL SEALS



PEEK MACHINED COMPONENTS



TECHNETICS PRODUCTS

- › **HELICOFLEX®** spring energized metal seals
- › **O-FLEX™** metal o-rings
- › **C-FLEX™** metal c-rings
- › **Customized mechanical** seals
- › **Carbon** face seals
- › **Moulded elastomer** seals
- › **Graphite** split piston rings
- › **PEEK** machined components
- › Other **custom-designed** solutions

APPLICATIONS

- › Cylinder Head
- › Exhaust manifold
- › Water Pump
- › Turbo Charger
- › Crank Case
- › Compressor/
Bearing Housing
- › Energy recovery system



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