

# Carbon Face Seals



Technetics Group is an experienced manufacturer of dynamic carbon face contacting seals.

## BENEFITS

Carbon provides self lubrication and can operate in temperatures up to 1000°F. It also operates at speeds up to 70,000 RPM.

## SECONDARY SEALS

Technetics Group is also experienced with several types of secondary seals used in the dynamic seal assemblies.

### Bellows Secondary Seals

- Very good sealing performance (hermetic) and can survive temperatures up to 1000°F
- Good vibration performance
- Maintenance free
- Can accommodate lots of shaft movement up to +/- .100 inches.

### O-ring Secondary Seals

- Fairly good sealing properties
- The most economical
- Limited life and lower temperature threshold (250°F)

### PTFE Secondary Seals

- Good sealing properties
- Temperature resistance up to 400°F

## NON-CONTACTING SEALS

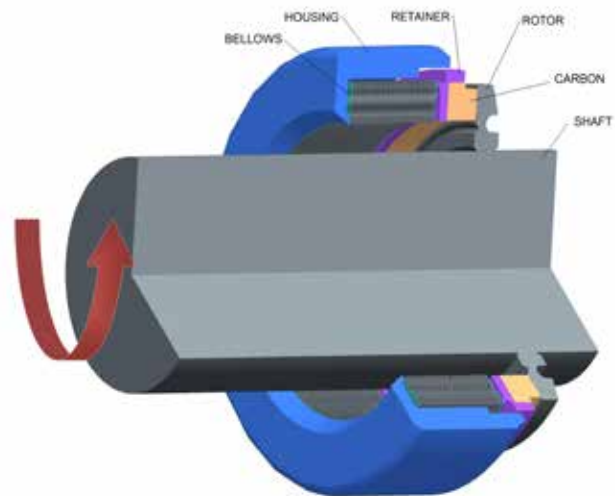
Technetics Group also offers hydrostatic and hydrodynamic sealing solutions to meet demanding performance and life requirements.

## EXPERIENCE

Technetics Group has designed carbon face seals for more than forty years and draws from this experience when developing new seal applications and designs.

## COMMON APPLICATIONS

- Propulsion engine and APU shaft seals
- Gearbox seals
- Turbo machinery
- Land based turbine power generators
- Wind turbines
- Industrial machinery



**TECHNETICS GROUP**  
EnPro Industries companies

305 Fentress Blvd  
Daytona Beach, FL 32114 USA

Phone: 386-253-0628  
Fax: 386-257-0122

daytona@technetics.com  
technetics.com

**Technetics**  
GROUP

EnPro Industries companies