

## Fibracon® PTFE seals



Seats and seals machined to your specification



Micro machined seals from Fibracon® PTFE

### Custom manufactured to your specification

#### Properties

- Excellent chemical resistance
- Good thermal and electrical insulation properties
- Low coefficient of friction
- Can withstand dry running
- Broad range of operating temperatures -250°C to +250°C
- Full material traceability
- Grades suitable for
  - contact with food - FDA approved
  - medical applications - USP Class VI
  - oil and gas - NORSOK M-710
- Property enhancing fillers
  - glass
  - ekonol
  - carbon
  - graphite
  - molybdenum disulphide (MoS<sub>2</sub>)
- X-ray and metal detectable grade available
- Bespoke polymer development also possible

#### Further materials available

- High performance polymers
  - PEEK, PI, PSU, PPSU, PPS, PVDF
- Engineering and industrial thermoplastics
  - PA, POM and PE

#### Machining expertise

- Individual products, small batches or production volumes
- Sizes from micro (<1mm) to massive (>2500mm)
- Help with material selection for your application



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