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How to find us

Global. Regional. Local.



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Aerospace



ElringKlinger Engineered plastics

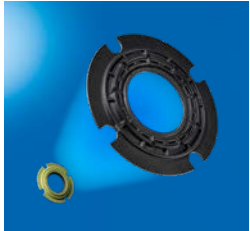
ENABLING INDIVIDUALITY

elringklinger
Engineered Plastics

Our core competencies for Aerospace

Manufacturing and engineering to the highest standards

Our material



ElroSeal™ Rotary shaft seal protection against leakage of all types of media in rotating components



Support ring made of PFAS-free PEEK material to reduce static and dynamic gap dimensions



Spring energized seal sealing of pistons and rods during reciprocating movements



Coating protection and sealing of sensor parts and other components

Our experience:

Complete production process from semi-finished product to finished product.

- Material development and compounding in-house
- Extrusion
- Injection molding
- Machining
- Clean room production
- Hygienic design (CIP, SIP)
- Production of complex assemblies

Certificates:

- ISO 9001
- GMP (Good Manufacturing Practice)
- DIN EN ISO 14001
- EN ISO 13485
- ISO 50001

Approvals:

- REACH
- BAM
- DVGW
- EU 10/2011, EG 1935/2004
- FDA

Aerospace poses special challenges for components in a wide range of applications. Reliability and durability combined with low weight and a wide temperature range are fundamental requirements in the industry. Due to their properties, high-performance plastics are particularly suitable for this. We offer you a wide material range.

- PTFE
- PFA
- FEP
- Moldflon®-materials

PFAS-free materials e.g.

- PEEK
- PE-UHMW
- PE-HD

Characteristics:

- Highest bending strength / long service life
- High temperature resistance
- Almost universal chemical resistance
- Physiologically harmless
- Anti-adhesive properties