

2025

Sealing Rings

Made of high-performance polymers for dynamic applications

Customer application

Our innovative rectangular seal was specially developed for sealing rotary unions – for example, in gearboxes or fluid-driven actuators. Designed for variable pressures, high rotational speeds, and continuous thermal stress. Featuring a maintenance-free design, the use of ultra-modern high-performance plastics, and full media compatibility with all common oils, it delivers maximum performance with minimal effort. Rely on efficiency, tightness and future viability – made for motion.

Our solution


Design


- Variable lock geometry for optimal sealing effect
- Assembly-optimized – saves time and increases process reliability
- Customized solutions

Materials

- PAI GLon™ T42
- PAI GLon™ T43
- PEEK GSpire™ 880FW30
- PFAS-free formulations „Total-free PFAS“

Our benefits

 Maintenance-free and wear-resistant *exceptional durability and long-lasting sealing performance*

 Good media resistance *compatible with all conventional oils*

 Metal & PTFE substitution *low weight, easy to assembly*

 Sustainable materials *PFAS-free*

The parameters, material recommendations, installation suggestions, and all other information provided by us are based on empirical data. Practical testing in the actual operation is always required before application.

