



2025

Thrust washers

Made of high-performance polymers for static & dynamic applications

Customer application

The solution for reliable axial load support and efficient motion guidance. Our thrust washers made from high-performance plastics offer a unique combination of wear resistance, low friction and high load capacity at operating temperatures up to 260°C. They are ideal for applications requiring compact design, maintenance-free solutions and long service life—such as in gearboxes, steering systems or electric drive units.

Our solution

Design

- Special lubrication grooves prevent stick-slip-effects
- Customized solutions
- Anti-rotation features, locking tabs and much more

Materials

- PAI GLon™ XA55
- PEEK GSpire™
- PFAS-free formulations „Total-free PFAS“

Our benefits



Maintenance-free and wear-resistant
exceptional durability



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.

