

PRESS KIT – Polymer Expertise

“Innovation meets Polymer” – Polymer Expertise that Drives Change

Konzelmann GmbH leverages polymer technology in a targeted way to create customized solutions for the key challenges of tomorrow's mobility. The company combines technological expertise, flexibility and a forward-looking mindset – positioning itself as a global partner for innovative sealing and system solutions.

Key application areas:

- **Innovative TPU materials for demanding sealing applications**
- **Sealing and system solutions for thermal management and battery systems**
- **Intelligent safety and connection solutions for e-mobility**

Cluster memberships

To consistently drive innovation, Konzelmann actively participates in the Baden-Württemberg networks “**Elektromobilität Süd-West**” and “**Brennstoffzelle BW.**”

“Working within these networks brings industry and research to the same table. This enables us to jointly develop solutions that are safe, efficient and sustainable – both for battery-electric and hydrogen-based drive systems,” explains **Dr André Konzelmann, CEO and Head of Business Unit eMobility at Konzelmann.**

Focus: Customized solutions

Whether for brake systems, battery systems or other demanding industrial applications: Konzelmann relies on tailored polymer solutions designed to meet the specific requirements of its customers. With in-house material development, proprietary toolmaking and internal validation, the company creates solutions that combine functionality, efficiency and sustainability – from the initial idea to series production.

Would you like to learn more about Konzelmann's polymer expertise or are you interested in an interview? Please contact our press office.

Press photos (previews)



Photo 1: Under the guiding principle "Innovation meets Polymer," Konzelmann presents itself as a global partner for customized polymer solutions that actively shape the transformation of mobility.



Photo 2: Dr André Konzelmann, CEO and Head of Business Unit eMobility at Konzelmann.

The images provided can only be used in connection with reporting on Konzelmann, quoting "Photo: Konzelmann".

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About Konzelmann

For more than 60 years, Konzelmann GmbH has stood for innovations made of plastics. The family-run company is headquartered in Löchgau, Germany, and has an office in Detroit, USA, as well. Konzelmann develops polymeric components and systems for friction optimization as well as emission reduction. Its customers are major OEMs and Tier 1 suppliers in the automotive, medical and industrial sectors.

Konzelmann's experts follow a holistic approach to finding solutions: through intensive listening and many years of expertise in the development of special technical applications, individual solutions with a holistic view of product and process interfaces are created in exchange with the customer. The result is reduced production costs with superior product properties. Current examples include the in-house developed [KBerstring®](#), which enhances battery safety in the context of e-mobility; the internally clamped rectangular sealing ring [ID Sealing \(REDI\)](#), which can significantly reduce both leakage and friction torque; and the TÜV Süd-certified PURKON®2000 material, which provides comprehensive leakage protection in hydrogen applications. The in-house developed PURKON® materials – PURKON®2000, PURKON®2001, and the new PURKON®2080, PURKON®3000, and PURKON®4000 presented for the first time at IAA TRANSPORTATION 2026 – meet the highest material requirements and exemplify Konzelmann's application-oriented and forward-looking product development.

Further Information: <https://www.konzelmann.com/en/>