

# Elastomer gaskets



## GENERAL FUNCTION

Elastomer gaskets are typically used to seal mating parts and flanges. Various profiles and material grades allow a very specific design according to the requirements (fluids, temperatures, pressures etc.). Typical gaskets are used to seal cam covers, oil pans, intakes, water pumps etc.



Suitable for e-mobility applications



## TECHNOLOGY

Injection molding of elastomer with and without succeeding tempering process.

- **HIGH TOLERANCE COMPENSATION**

Elastomer gaskets and the freedom of shaping the cross section dedicated to the application lead to high tolerance compensation and the most robust sealing compared to other sealing technologies.

- **IN-HOUSE ELASTOMER TECHNOLOGY**

ElringKlinger's experience in elastomer technology with in-house material development including bonding technology offers a wide range of different material combinations, that can be chosen according to the application.

- **COST EFFICIENT**

Elastomer gaskets are made of one component and are one of the most efficient sealing technologies.





## BENEFITS



- Cost-effective sealing solution
- Pressed-in-place allows pre-mounting
- Various materials available (FKM, AEM, ACM, MVQ/FMVQ, NBR/HNBR)
- EK material formulation allows precise tailoring according to customers specifications
- FEA analysis for MIN/NOM/MAX conditions (2D / 3D) during assembly, after relaxation and during operation conditions



## ELRINGKLINGER – YOUR PARTNER FOR ELASTOMER GASKETS

Product Development (Design, Engineering and Simulation) – Process Development – Tool Shop – Tool Sampling/Prototyping – Testing – Change-Management – Series Production – Part Measurement



## YOUR CONTACT

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