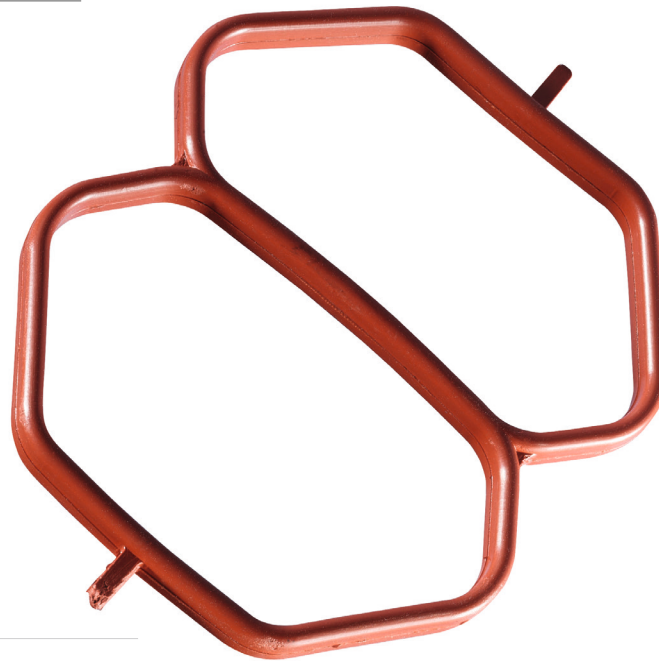


FACT SHEET

# Elastomer gaskets

SUITABLE FOR E-MOBILITY APPLICATIONS



Optimal function reliability – high efficiency  
Elastomer gaskets made by ElringKlinger

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.

## 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

ElringKlinger AG  
Phone +49 7123 724-0  
E-mail [info@elringklinger.com](mailto:info@elringklinger.com)

ElringKlinger AG | Max-Eyth-Straße 2 | 72581 Dettingen/Erms | Germany  
[www.elringklinger.com](http://www.elringklinger.com)

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