

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

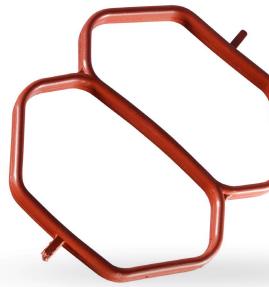
Elastomer gaskets and the freedom of shaping the cross section dedicated to the application lead to high tolerance compensation and the most robust sealing compared to other sealing technologies.

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



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