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


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08/19