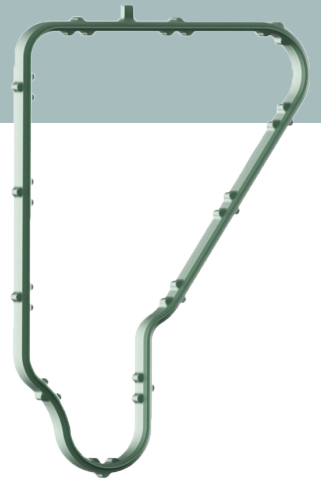


PIP (PRESSED-IN-PLACE) SEALS

„Static seals for high requirements“

AREAS OF APPLICATION

- Battery housings & cell modules
- Power electronics & control units
- Cooling & thermal management systems
- Charging systems & high-voltage components
- Sensors & electrical connectors
- Hydraulic systems, motors & transmissions
- Pneumatic systems



Material options	EPDM, FKM, AEM, HNBR and NBR
Temperature range	-40 °C to +250 °C
Optimum compensation of the sealing gap	High adaptability to different sealing surfaces
IP protection class	IP67, IP6K9K according to ISO20653
Resistance to oils, coolants and lubricants	Prevention of leakage and damage to the seal by selecting the right material against different media
Resistance in the salt spray test	Tested in accordance with VDA 233-102 for maximum corrosion resistance
Outstanding compression properties	Uniform sealing effect even with low contact forces
Vibration & shock resistance	Ideal for dynamic loads in vehicle applications
Fixation	Fixation in the groove with retaining cams & simple installation - no additional fastening material required

A summary of the advantages

- Cost-efficient alternative to classic flat gaskets
- Increased design flexibility - perfect adaptation to complex housing shapes
- Long lifetime due to optimized material selection
- Outstanding environmental and chemical resistance
- Increased protection of the space to be sealed

