

PERMANENT SEALING for Automotive Electronics

High-Quality Materials & Services

KEY PERFORMANCE FEATURES

- » Our **high-quality materials** permanently and reliably protect your components against leakage and corrosion that can lead to component break-downs and failures.
- » Our **vacuum sealing process** allows sealing of very small cracks, gaps and porosities and does not require component design adjustments.
- » Henkel provides **comprehensive solutions** through our technical support, product offerings and process options to meet your electronic component sealing needs.

Partner with Henkel as leading supplier of permanent sealing in Automotive Electronics.



LOCTITE FARASEAL

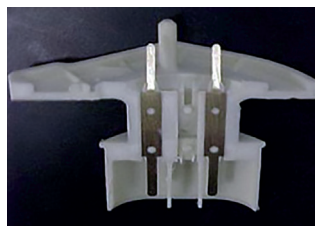
YOUR CHALLENGE

High-quality electronic component parts play a vital role in the auto-motive industry. The reliability and safety needs of the modern automotive industry require all parts to be fully sealed against fluids, gases and other external influences. Constant pressure to reduce costs, increase productivity and meet environmental regulations require efficient component assembly and protection processes.

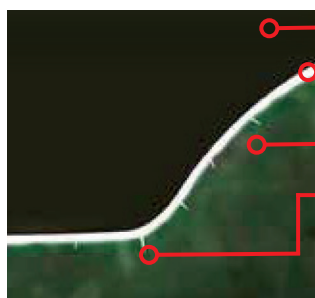
OUR SOLUTIONS

Henkel's solutions for electronic components are designed to provide superior quality and permanent sealing of leak paths, as found between dissimilar materials with different expansion coefficients such as metal and plastic.

We offer materials for your own in-factory sealing lines (operated by Henkel or yourself) or a full-service solution at Henkel operated service centers where you vacuum seal your components.



- » Cracks
- » Gaps
- » Leak paths



- Metal pin
- FARASEAL**
- Plastic body
- Actual crack in molded plastic body being filled by FARASEAL

LOCTITE FARASEAL SEALING MATERIALS

Sealing Material	Chemical type	Cure method	Appearance	Viscosity 23 °C, mPa·s	Chemical resistance	Temperature resistance	Application area
LOCTITE IS 5100	Methacrylate	Anaerobic	Clear, fluorescent	5 –30	Excellent	–54 °C to 177 °C	Electronics
LOCTITE IS 5110	Methacrylate	Anaerobic	Clear, fluorescent	36 –66 at 25 °C	Excellent	+205 °C	Electronics
LOCTITE IS AT	Methacrylate	Anaerobic	Clear, fluorescent	5 –15	Excellent	+177 °C	Electronics

BENEFITS

- » Improved quality and performance of components thanks to our best-in-class product portfolio and high-speed sealing services (in-factory or at Henkel)
- » Individual validation testing and on-site service personnel ensure tailor-made product and service concepts
- » Process solutions that easily integrate into most manufacturing work streams
- » Reduces scrap due to porosity which contributes to lower overall manufacturing costs

Reach out to our experts to partner up in solutions for sealing applications in automotive electronics.

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