



HENKEL SOLUTIONS FOR AUTOMOTIVE ELECTRONICS COMPONENTS

BERGQUIST® GAP FILLER TGF 6500LVO

Next Generation, 2-component, low volatile outgassing silicone-based gap filler



Benefits

- Thermal conductivity rating – **6.5 W/m·K** for efficient heat dissipation in automotive electronics
- **Thin bondline capability** enables low thermal resistance in compact ECU and ADAS designs
- **Fast and robust dispensing** supports automated, high-throughput production lines
- **Flexible cure** at room temperature or accelerated heat cure for manufacturing flexibility
- Operating temperature range **-40°C to 175°C**
- **Improved storage and sedimentation stability** for consistent performance and process robustness



Sustainability Value

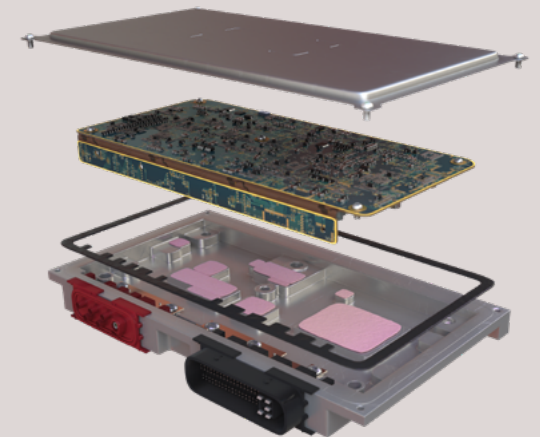
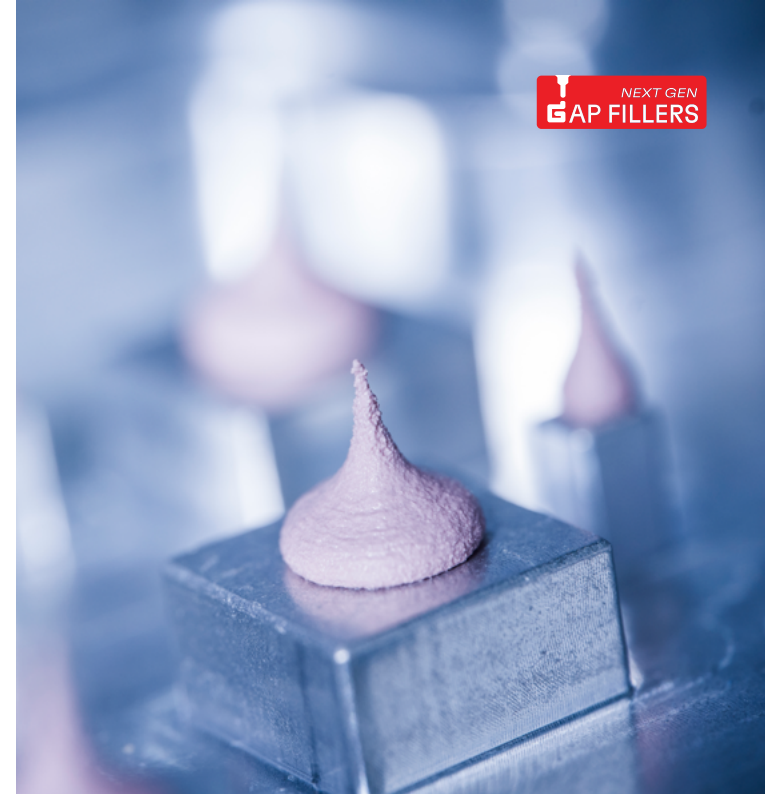
- **Low volatile silicone formulation** supports cleaner manufacturing and siloxane-sensitive automotive electronics
- **Efficient, reliable thermal performance** supports long product lifetime and reduced material waste

Leverage Henkel's broad technology portfolio and application know-how to strengthen your automotive electronics applications.



Henkel Adhesive Technologies

NEXT GEN
GAP FILLERS





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Product Properties

Chemistry	Silicone
Color	Pale Red A/Light Grey B
Thermal conductivity W/m · K	6.5
Dielectric Strength , kV/mm	10
Volume Resistivity $\Omega \cdot m$	10^{14}
Shore Hardness (00)	84
Curing Conditions	12h at 25°C or 0.5h at 100°C
Shelf life	180 days.

*For more guidelines on best dispensing practices, please contact Henkel's Application Engineering Team

Reach out to our experts to partner up for automotive electronics
in automotive and industrial electronics.

CONTACT US TO LEARN MORE

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Areas of Applications



- ADAS Camera, radar & Lidar modules
- Automotive control units
- Power electronics in automotive systems

Available Configurations

- Sample: 50cc
- Cartridges: 400cc, 1200 cc (Part A+B)
- Pail kits: 6 gallon



www.henkel-adhesives.com

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