



HENKEL SOLUTIONS FOR AUTOMOTIVE ELECTRONICS

BERGQUIST® GAP FILLER TGF 2900LVO

2.9 W/m-K, 2-component, silicone-based and low volatile liquid thermal interface material



KEY PERFORMANCE FEATURES

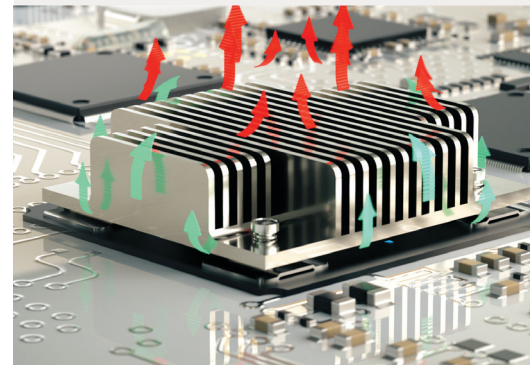
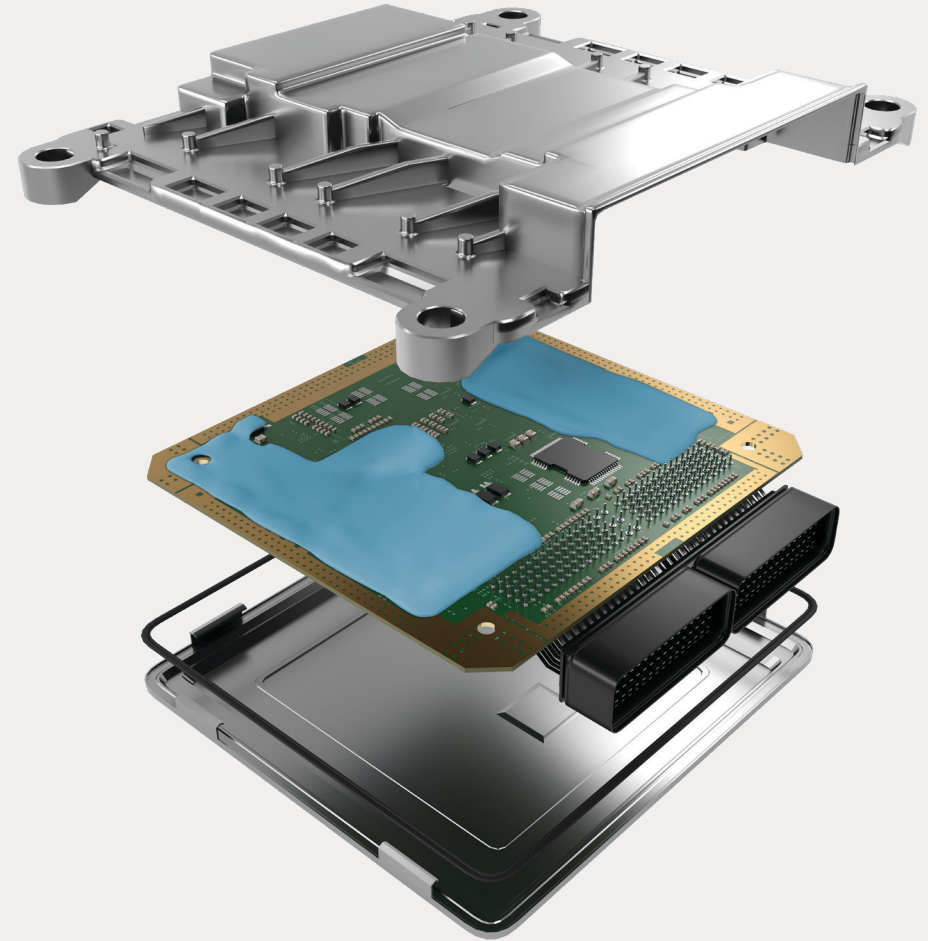
- **2-component** solution based on **low volatile silicone** technology
- **Long working time**, cures within **24 hours** at room temperature
- **Excellent handling** properties and **robust** dispensing
- **Medium** thermal conductivity



SUSTAINABILITY VALUE

- Long working time **increases** customer **process window**, **reducing scrap** at the production line
- **Low** concentration of **volatile siloxanes** (< 20 PPM)

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Key Benefits

- Low volatile silicone with **limited outgassing**
- Suited for **ultra-thin bondline** enabling:
 - **Lower overall thermal resistance**
 - **Design flexibility** for a wide range of gaps
- Excellent vertical gap stability for **long-term reliability and performance**
- Ease of dispensing with high shot consistency for **high throughput manufacturing**
- **Excellent wet-out** for lower thermal impedance

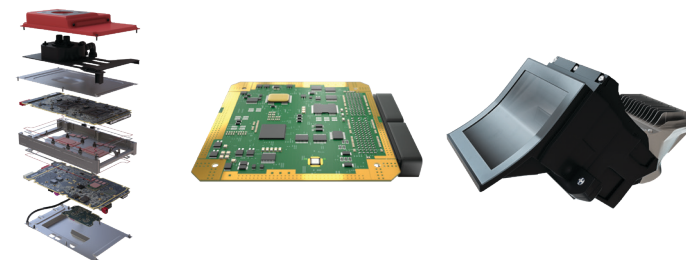
Product Properties

Technology	Silicone (2C)
Thermal Conductivity, ASTM D5470	2.9 W/m-K
Shore Hardness (00)	50
Flow Rate (EFD 30 cc, 90 psi)	Part A: 130 g/min; Part B: 147 g/min
Cure	Room temperature or heat*
Working Time	120 min at 25°C
Storage	5°C – 25°C

* Material is dry to touch within 24 hours at RT (but could be accelerated with heat if needed)

Typical Applications

- Automotive control units, data modules and displays
- Applications in automotive and industrial electronics requiring fast processing and high reliability



Configurations Available

- 50 cc and 400 cc cartridges
- 1200 cc semco kits
- 6-gallon pail kits

Reach out to our experts to partner up for active alignment adhesive applications in automotive and industrial electronics.

CONTACT US TO LEARN MORE

Europe
Germany
Henkel AG & Co. KGaA (Headquarters)
Henkelstraße 67, 40589 Düsseldorf

Asia-Pacific
China
Henkel (China) Co., Ltd.
No. 928 Zhangheng Road, Pudong New District
201203 Shanghai

Americas
U.S.A.
Henkel Corporation
Madison Heights, 32100 Stephenson Highway
Madison Heights, MI 48071



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