



## HENKEL SOLUTIONS FOR AUTOMOTIVE ELECTRONICS COMPONENTS

### BERGQUIST® GAP FILLER TGF 2100LVO

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



#### Benefits

- **2-component** solution based on **low volatile** silicone technology
- Balanced working time (**120min**) and cure time (**<24 hour**) at **room temperature**
- Thermal conductivity **> 2.2 W/(m·K)**
- **Fast** and **robust** dispensing
- High reliability under **thermal load**



#### Sustainability Value

- Long working time **increases** customer **process window**, reducing scrap **risk** at the production line
- **Low** concentration of **volatile siloxanes**
- **Global** production **footprint**

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

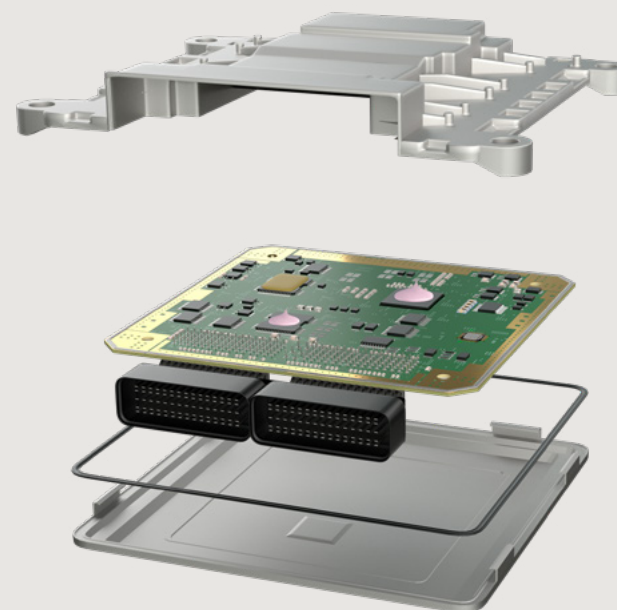


Henkel Adhesive Technologies



GLOBALLY  
AVAILABLE

NEXT GEN  
GAP FILLERS





# BERGQUIST® GAP FILLER TGF 2100LVO

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

## BENEFITS

- Low volatile silicone with limited outgassing of cyclosiloxanes.
- Ease of dispensing with high shot consistency.

## PRODUCT PROPERTIES

Technology	Silicone (2C)
Thermal Conductivity, ASTM D5470	2.2 W/(m·K) typical
Viscosity (Pa·s)	350
Shore Hardness (00)	80
Flow Rate (EFD 30cc, 90psi)	1.8 cc/sec
Cure	Room temperature or heat
Working Time	120 min @ 25°C
Bondline Thickness (µm)	100
Dispensing	More than 1.2cc/sec in standard, continuous condition*

\* 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

### Europe

Germany  
Henkel AG & Co. KGaA (Headquarters)  
Henkelstraße 67  
40589 Düsseldorf  
Phone: +49 211 797-0

### Asia-Pacific

China  
Henkel (China) Investment Co., Ltd.  
Building 7 & Building 6 (5F-6F)  
The Springs Center  
No.99 Jiang Wan Cheng Road  
Yang Pu District, Shanghai 200438  
Phone: +86 21 2891 8000

### America

USA  
Henkel Corporation  
Madison Heights 32100 Stephenson  
Highway  
Madison Heights, MI 48071  
Phone: +1 248 583 9300

- Excellent wet-out for lower thermal impedance.
- Outstanding mechanical properties.

## TYPICAL APPLICATIONS

- Automotive control units, ADAS camera, lidar, data modules, displays and power electronic applications.
- Applications in automotive and industrial electronics requiring low and controlled siloxane content.



## AVAILABLE CONFIGURATIONS

- 50cc, 400cc & 1200cc cartridges
- 6gal-Pail pail kits

[www.henkel-adhesives.com](http://www.henkel-adhesives.com)

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention. The information is protected by copyright. In particular, any reproductions, adaptations, translations, storage and processing in other media, including storage or processing by electronic means, enjoy copyright protection. Any exploitation in whole or in part thereof shall require the prior written consent of Henkel AG & Co. KGaA. Except as otherwise noted, all marks used in this document are trademarks and/or registered trademarks of Henkel and/or its affiliates in the US, Germany, and elsewhere. © Henkel AG & Co. KGaA, 2025

